

135248

K.8
AIR MONITORING

AR301664

WHITROYER AIR SAMPLES

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

AS0001-1/2-2	AS0002-1/2-1	AS0003-1/1-1	AS0004-1/6-1	AS0004-1F/6-1	AS0005-1/8-1	AS0005-1F/6-1
VOA'S NA	VOA'S NA	VOA'S NA				
MG/TUBE	MG/TUBE	MG/TUBE	MG/TUBE	FIELD BLANK	MG/TUBE	
08/20/88	08/20/88	08/20/88	08/20/88	UC/FILTER	08/20/88	11/17/88
				11/16/88		

*** VOLATILES ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

AR301665

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 R = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR INAPPROPRIATE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

WHITVOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0001-1/2-2 AS0002-1/2-1 AS0003-1/1-1 AS0004-1/6-1 AS0005-1/8-1 AS0005-1F/8-1
 BMA'S MA
 FIELD BLANK
 UC/FILTER 11/16/88
 MC/TUBE 08/20/88
 MC/TUBE 08/20/88
 MC/TUBE 08/20/88
 MC/TUBE 08/20/88
 MC/TUBE 08/20/88
 11/17/88

*** BASE/NEUTRALS ***

PP CAS NO COMPOUND

669	117-01-7	BIS(2-ETHYLHEXYL)PHTHALATE							
699	117-84-0	DI-N-OCTYL PHTHALATE							
689	64-74-2	DI-N-BUTYL PHTHALATE							
708	84-66-2	DIOCTYL PHTHALATE							
678	85-68-7	BUTYL BENZYL PHTHALATE							
718	131-11-3	DIMETHYL PHTHALATE							
18	83-32-9	ACENAPHTHENE							
778	208-96-8	ACENAPHTHYLENE							
788	120-12-7	ANTHRACENE							
748	205-89-2	BENZO(B)FLUORANTHENE							
788	191-24-2	BENZO(G,H,I)PERYLENE							
768	218-01-9	CHRYSENE							
388	208-44-0	FLUORANTHENE							
808	86-73-7	FLUORENE							
558	91-20-3	NAFTHALENE							
91-57-6		2-METHYLNAPHTHALENE							
818	85-01-8	PHENANTHRENE							
848	129-00-0	PYRENE							
568	98-95-3	NITROBENZENE							
628	86-30-6	N-NITROSDIPENTYLAMINE							
82-53-3		ANILINE							
88-74-4		2-NITROANILINE							
106-47-8		4-CHLOROANILINE							
65-85-0		BENZOIC ACID							
132-64-9		DIBENZOFURAN							
		ANILINE-2							
		METHYL BROMIDE							

1.1J
1.4J
UJ
3.1J

0.037 NA
0.024 NA
0.007 NA
NA

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 M = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
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 O = UNRELIABLE RESULT. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301666

AMTMOYER AIR SAMPLES

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

AS0001-1/2-2 AS0002-1/2-1 AS0003-1/1-1 AS0004-1/6-1 AS0004-1F/6-1 AS0005-1F/6-1
 BMA'S MA
 FIELD BLANK
 NO/TUBE NO/FILTER NO/TUBE NO/TUBE
 09/20/88 08/20/88 08/20/88 08/20/88 11/16/88 08/20/88 11/17/88

*** ACIDS ***

PP CAS NO COMPOUND

65A 108-93-2 PHENOL
 93-48-7 2-METHYLPHENOL
 108-44-5 4-METHYLPHENOL
 30A 105-67-9 2,4-DIMETHYLPHENOL
 59A 51-29-5 2,4-DINITROPHENOL

1.6J

UJ

AR301667

0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INADEQUATE OR INAPPROPRIATE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0001-1/2-2	AS0002-1/2-1	AS0003-1/1-1	AS0004-1/6-1	AS0004-1F/6-1	AS0005-1/8-1	AS0005-1F/6-1
P/P NA	P/P NA	P/P NA				
MG/TUBE	MG/TUBE	MG/TUBE	MG/TUBE	FIELD BLANK	MG/TUBE	
08/20/88	08/20/88	08/20/88	08/20/88	UK/FILTER	08/20/88	11/17/88
				11/16/88		

*** PESTICIDES ***

PP CAS NO COMPOUND

101P 1024-57-3 HEPTACHLOR EPOXIDE
92P 50-29-3 4,4'-DDE
93P 72-55-9 4,4'-DDE

320
UJ

AR301668

:
B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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II = ANALYTE PRESENT. AS VALUES APPROACH THE LDL THE QUANTITATION MAY NOT BE ACCURATE
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UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITWOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0001-1/2-2 METALS NA 08/20/88
 AS0002-1/2-1 METALS NA 08/20/88
 AS0003-1/1-1 METALS NA 08/20/88
 AS0004-1/6-1 METALS NA 08/20/88
 AS0004-1F/6-1 METALS NA 11/16/88
 AS0005-1/R-1 METALS NA 08/20/88
 AS0005-1F/6-1 FIELD BLANK 00/FILTER 11/17/88

*** INORGANICS ***

PP CAS NO COMPOUND

- 1 ALUMINUM
- 2 ANTIMONY
- 3 ARSENIC
- 6 CADMIUM
- 7 CALCIUM
- 8 CHLORINE
- 10 COPPER
- 11 IRON
- 12 LEAD
- 13 MAGNESIUM
- 14 MANGANESE
- 15 MERCURY
- 16 NICKEL
- 17 POTASSIUM
- 18 SELENIUM
- 19 SILVER
- 20 SODIUM
- 21 THALLIUM
- 24 ZINC
- 24 CYANIDE

2.3

0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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AR301669

WITHDRAWN AIR SAMPLES

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

AS0001-1/2-2	AS0002-1/2-1	AS0003-1/1-1	AS0004-1/6-1	AS0004-1F/6-1	AS0005-1/8-1	AS0005-1F/6-1
NA	NA	NA	NA	NA	NA	NA
08/20/88	08/20/88	08/20/88	08/20/88	11/16/88	08/20/88	11/17/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

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 LL = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
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AR301670

WHITMYER AIR SAMPLES

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

AS0006-1/3-1	AS0006-1F/2-1	AS0007-1/7-1	AS0007-1F/2-2	AS0008-1/1-2	AS0009-1/2-1	AS0009-1D/2-1
VOA'S NA	VOA'S NA	VOA'S NA	VOA'S NA	VOA'S NA	VOA'S NA	VOA'S NA
MG/TUBE	MG/TUBE	MG/TUBE	MG/TUBE	MG/TUBE	MG/TUBE	DUPLICATE MG/TUBE
08/20/88	11/18/88	08/20/88	11/19/88	08/20/88	08/20/88	08/20/88

*** VOLATILES ***

PP CAS NO COMPOUND

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AR301671

WHITMOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:

UNITS:
DATE SAMPLED:

AS0006-1/3-1 AS0006-1F/2-1 AS0007-1/7-1 AS0007-1F/2-2 AS0009-1/2-1 AS0009-1D/2-1
BMA'S NA BMA'S NA BMA'S NA BMA'S NA BMA'S NA
MG/TUBE MG/TUBE MG/TUBE MG/TUBE MG/TUBE
08/20/88 11/18/88 08/20/88 11/19/88 08/20/88
DUPLICATE
MG/TUBE
08/20/88

000 BASE/NEUTRALS 000

PP	CAS NO	COMPOUND	0.032	0.018	0.018
658	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE			
659	117-84-0	DI-N-OCTYL PHTHALATE			
685	84-74-2	DI-N-BUTYL PHTHALATE			
709	84-66-2	DIETHYL PHTHALATE			
678	85-68-7	BUTYL BENZYL PHTHALATE			
718	131-11-3	DIMETHYL PHTHALATE			
18	83-32-9	ACENAPHTHENE			
778	208-96-8	ACENAPHTYLENE			
788	120-12-7	ANTHRACENE			
748	205-99-2	BENZO(B)FLUORANTHENE			
798	191-24-2	BENZO(G,H,I)PERYLENE			
768	218-01-9	CHRYSENE			
398	206-44-0	FLUORANTHENE			
808	85-73-7	FLUORENE			
558	91-20-3	NAPHTHALENE			
818	91-57-6	2-NETHYLNAPHTHALENE			
848	85-01-8	PHENANTHRENE			
848	129-00-0	PYRENE			
568	98-95-3	NITROBENZENE			
628	85-20-6	N-NITROSODIPHENYLAMINE			
	62-53-3	ANILINE			
	88-74-4	2-NITROANILINE			
	106-47-8	4-CHLORANILINE			
	65-85-0	BENZOIC ACID			
	122-64-9	DIBENZOFURAN			
		ANILINE-2			
		METHYL BROMIDE			

AR301672

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 I1 = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 I2 = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

WINDTOWER AIR SAMPLES

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

AS0006-1/1-1 AS0006-1F/2-1 AS0007-1/7-1 AS0007-1F/2-2 AS0008-1/1-2 AS0009-1/2-1 AS0009-1D/2-1
 RMA'S NA RMA'S NA RMA'S NA
 MG/TUBE MG/TUBE MG/TUBE MG/TUBE MG/TUBE MG/TUBE
 08/20/88 11/18/88 08/20/88 11/19/88 08/20/88 08/20/88
 DUPLICATE
 MG/TUBE
 08/20/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	95-48-7	2-METHYLPHENOL
	106-44-5	4-METHYLPHENOL
34A	105-67-9	2,4-DIMETHYLPHENOL
59A	51-28-5	2,4-DINITROPHENOL

AR301673

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 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 R = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / I = ANALYZE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 UJ = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
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WHITMOYER AIR SAMPLES

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

AS0006-1/3-1	AS0006-1F/2-1	AS0007-1/1-1	AS0007-1F/2-2	AS0007-1/1-2	AS0009-1/2-1	AS0009-1D/2-1
P/P NA	P/P NA	P/P NA	P/P NA	P/P NA	P/P NA	P/P NA
NO/TUBE	NO/TUBE	NO/TUBE	NO/TUBE	NO/TUBE	NO/TUBE	NO/TUBE
08/20/88	11/18/88	08/20/88	11/19/88	08/20/88	08/20/88	08/20/88
						DUPLICATE

*** PESTICIDES ***

PP	CAS NO	COMPOUND
101P	1024-57-3	HEPTACHLOR EPOXIDE
92P	50-29-3	4,4'-DDE
93P	72-55-9	4,4'-DDD

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AR301674

WHITMOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0006-1/3-1 METALS NA 08/20/88
AS0006-1F/2-1 IR/FILTER 11/18/88 08/20/88
AS0007-1/7-1 METALS NA 08/20/88
AS0007-1F/2-2 FIELD BLANK 11/19/88 08/20/88
AS0008-1/1-2 METALS NA 08/20/88
AS0009-1/2-1 METALS NA 08/20/88
AS0009-1D/2-1 METALS NA

*** INORGANICS ***

PP GAS NO COMPOUND

PP	GAS NO	COMPOUND	Value
1		ALUMINUM	31
2		ANTIMONY	
3		ARSENIC	10.4
4		CADMIUM	
5		CALCIUM	591
6		CHROMIUM	2.4
7		COPPER	11
8		IRON	75
9		LEAD	0.91
10		MAGNESIUM	1123
11		MANGANESE	
12		MERCURY	0.05
13		NICKEL	11.11
14		POTASSIUM	160
15		SELENIUM	
16		SILVER	627
17		SODIUM	5.9
18		THALLIUM	NA
19		ZINC	
20		CYANIDE	

0.92

ES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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AR301675

WHITMOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0006-1/3-1	AS0006-1F/2-1	AS0007-1/7-1	AS0007-1F/2-2	AS0008-1/1-2	AS0009-1/2-1	AS0009-1D/2-1
MA	MA	MA	MA	MA	MA	MA
08/20/88	11/19/88	09/20/88	11/19/88	08/20/88	08/20/88	08/20/88

*** ORGANIC PARAMETERS ***

PP CAS NO COMPOUND

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AR301676

WINTHROP AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0009-1M/2-1 VOA'S NA MG/TUBE 08/20/88	AS0012-1/5-3 VOA'S NA MG/TUBE 08/20/88	AS0013-1/5-3 VOA'S NA MG/TUBE 08/20/88	AS0013-1D/5-3 VOA'S NA DUPLICATE MG/TUBE 08/20/88	AS0013-1M VOA'S NA MATRIX SPIKE MG/TUBE 08/20/88	AS0016-1/8-1 VOA'S NA MG/TUBE 08/20/88	AS0017-1/8-1 VOA'S NA UG/FILTER 11/16/88
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*** VOLATILES ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

AR301677

D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
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WHITVOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0009-1M/2-1 AS0012-1/5-3 AS0013-1/5-3 AS0013-1D/5-3 AS0013-1M AS0016-1/8-1 AS0017-1/8-1

MG/TUBE 08/20/88 MG/TUBE 08/20/88 MG/TUBE 08/20/88 DPLICATE MG/TUBE 08/20/88 MATRIX SPIKE MG/TUBE 08/20/88 MG/TUBE 08/20/88 UG/FILTER 11/16/88

*** BASE/NEUTRALS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	88	7.48	7.18	1.13	1.7	1.83	1.53	U	1.23	2.53	4.53	2.93	2.93	11	1.68	1.43	1.18	38	7.68	3.33	
669	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE																					
688	117-84-0	DI-N-OCTYL PHTHALATE																					
689	84-74-2	DI-N-BUTYL PHTHALATE																					
708	84-66-2	DIETHYL PHTHALATE																					
678	85-68-7	BUTYL BENZYL PHTHALATE																					
718	131-11-3	DIMETHYL PHTHALATE																					
18	83-32-8	ACENAPHTHENE																					
778	208-96-8	ACENAPHTHYLENE																					
788	120-12-7	ANTHRACENE																					
748	209-98-2	BENZO(B)FLUORANTHENE																					
788	183-24-2	BENZO(G,H,I)PERYLENE																					
768	218-01-9	CHRYSENE																					
398	206-44-0	FLUORANTHENE																					
808	86-73-7	FLUORENE																					
558	91-20-3	INDENYLENE																					
91	91-57-6	2-METHYLNAPHTHALENE																					
818	85-01-8	PHENANTHRENE																					
848	129-00-0	PYRENE																					
568	98-95-3	NITROBENZENE																					
628	86-30-6	N-NITRODIPHENYLAMINE																					
62	62-53-3	ANILINE																					
88	88-74-4	2-NITROANILINE																					
108	108-47-8	4-CHLOROANILINE																					
65	65-85-0	BENZOIC ACID																					
132	132-64-9	DIBENZOFURAN																					
		ANILINE-2	0.020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		METHYL BRONIDE																					

AR301678

ES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 R = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 (I) = ANALYTE PRESENT. AS VALUES APPROACH THE 10L THE QUANTITATION MAY NOT BE ACCURATE
 S = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INADEQUATE OR IMRELISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PRIMARLY HIGHER

ANTIDROYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0009-1W/2-1 AS0012-1/5-3 AS0013-1/5-3 AS0013-1D/5-3 AS0013-1M AS0016-1/R-1 AS0017-1/B-1
 MG/TUBE OR/20/RR MG/TUBE OR/20/RR MG/TUBE OR/20/RR DUPLICATE MG/TUBE OR/20/RR MATRIX SPIKE MG/TUBE OR/20/RR MG/TUBE OR/20/RR MG/FILTER 11/16/88

*** ACIDS ***

PT	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	95-48-7	2-METHYLPHENOL
	108-44-5	4-METHYLPHENOL
34A	105-67-9	2,4-DIMETHYLPHENOL
59A	51-28-5	2,4-DINITROPHENOL

34B
2.9J
14
7.2
UJ

AR301679

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 R = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 UJ = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 NI = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITTOVER AIR SAMPLES

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

AS0009-1M/2-1 P/P NA MG/TUBE 08/20/88
 AS0012-1/5-3 P/P NA MG/TUBE 08/20/88
 AS0013-1D/5-3 P/P NA DUPLICATE MG/TUBE 08/20/88
 AS0013-1M P/P NA MATRIX SPIKE MG/TUBE 08/20/88
 AS0016-1/8-1 P/P NA MG/TUBE 08/20/88
 AS0017-1/8-1 P/P NA UG/FILTER 11/16/88

*** PESTICIDES ***

PP CAS NO COMPOUND

101P 1024-57-3 HEPTACHLOR EPOXIDE
 92P 60-29-3 4,4'-DDE
 93P 72-55-9 4,4'-DDT

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301680

WHITMYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0009-1W/2-1 AS0012-1/5-3 AS0013-1D/5-3 AS0013-1M AS0016-1/R-1 AS0017-1/R-1
METALS NA METALS NA METALS NA METALS NA METALS NA
08/20/88 08/20/88 08/20/88 08/20/88 08/20/88 11/16/88
UG/FILTER

*** INORGANICS ***

PP CAS NO COMPOUND

- 1 ALUMINUM
- 2 ANTIMONY
- 3 ARSENIC
- 6 CADMIUM
- 7 CALCIUM
- 8 CHROMIUM
- 10 COPPER
- 11 IRON
- 12 LEAD
- 13 MAGNESIUM
- 14 MANGANESE
- 15 MERCURY
- 16 NICKEL
- 17 POTASSIUM
- 18 SELENIUM
- 19 SILVER
- 20 SODIUM
- 21 THALLIUM
- 24 ZINC
- CYANIDE

10.3618

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
I = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301681

WHITMOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0009-1H/2-1 AS0012-1/5-3 AS0013-1/5-3 AS0013-1D/5-3 AS0013-IM AS0016-1/8-1 AS0017-1/8-1
NA NA NA NA NA NA NA
08/20/88 08/20/88 08/20/88 08/20/88 08/20/88 08/20/88 11/16/88

*** CHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

AR301682

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
LI = ANALYTE PRESENT. AS VALUES APPROACH THE LOD, THE QUANTITATION MAY NOT BE ACCURATE
S = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE ON IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOVER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0017-2/R-1 VOA'S NA	AS0018-1/S-3 VOA'S NA	AS0018-2/S-3 VOA'S NA	AS0019-1/S-1 VOA'S NA	AS0019-2/S-1 VOA'S NA	AS0020-1/I-1 VOA'S NA	AS0020-2/I-1 VOA'S NA
11/17/88	UAG/FILTER 11/16/88	11/17/88	UO/FILTER 11/16/88	11/17/88	UO/FILTER 11/16/88	11/18/88

*** VOLATILES ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

AR301683

1: 0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / I = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 L = ANALYTE PRESENT. AS VALUES APPROACH THE LOD, THE QUANTITATION MAY NOT BE ACCURATE
 M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 N = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOVER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0017-2/B-1 AS0018-1/5-3 AS0018-2/5-3 AS0019-1/5-1 AS0019-2/5-1 AS0020-1/1-1 AS0020-2/1-1
BNA'S NA
11/17/88 11/16/88 11/17/88 11/16/88 11/17/88 11/16/88 11/16/88
UG/FILTER UG/FILTER UG/FILTER UG/FILTER UG/FILTER UG/FILTER
1 4

*** BASE/NEUTRALS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	5B
668	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	4.98
688	117-84-0	DI-N-OCTYL PHTHALATE	
689	84-74-2	DI-N-BUTYL PHTHALATE	3.68
708	84-66-2	DIETHYL PHTHALATE	4.28
678	65-68-7	BUTYL BENZYL PHTHALATE	1.2J
718	131-11-3	DIMETHYL PHTHALATE	
18	83-32-9	ACENAPHTHENE	1.18
778	208-94-8	ACENAPHTHYLENE	1.3J
788	120-13-7	ANTHRACENE	
748	205-99-2	BENZO(a)FLUORANTHENE	
788	191-24-2	BENZO(b,M,l)PHEYLENE	
788	218-01-9	CHRYSENE	
398	206-44-0	FLUORANTHENE	
808	86-73-7	FLUORENE	1.2J
558	91-20-3	INDENYLENE	2.9J
91-57-6		2-METHYLNAPHTHALENE	2.2J
818	85-01-8	PHENANTHRENE	2.4J
848	129-00-0	PYRENE	6.2
568	98-95-3	NITROBENZENE	
628	86-30-6	m-NITRODIPHENYLAMINE	1J
62-53-3		ANILINE	1.6J
88-74-4		2-NITROANILINE	19J
106-47-8		4-CHLOROANILINE	2.5J
65-85-0		BENZOIC ACID	1.5J
132-64-9		DIBENZOFURAN	3.18
		ANILINE-2	3.1J
		METHYL BROMIDE	

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLAMES
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 L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L - ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 UJ = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
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AR301684

WHITWOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0017-2/8-1 BNA'S NA 11/17/88
 AS0018-1/5-3 BNA'S NA 11/16/88 UMG/FILTER
 AS0018-2/5-3 BNA'S NA 11/17/88
 AS0019-1/5-1 BNA'S NA 11/16/88 UG/FILTER
 AS0019-2/5-1 BNA'S NA 11/17/88
 AS0020-1/1-1 BNA'S NA 11/16/88 UG/FILTER
 AS0020-2/1-1 BNA'S NA 11/18/88

*** ACIDS ***

PP GAS NO COMPOUND

65A 108-95-2 PHENOL
 95-48-7 2-METHYLPHENOL
 108-44-5 4-METHYLPHENOL
 34A 105-67-9 2,4-DIMETHYLPHENOL
 59A 51-28-5 2,4-DINITROPHENOL

9.38
2.6J
8.1
3.4J
UJ

23R
21
670
340
UJ

AR301685

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LI = ANALYTE PRESENT. AS VALUES APPROACH THE LOD, THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITROYER AIR SAMPLES

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

AS0017-2/8-1 P/P NA 11/17/88
 AS0018-1/5-3 1.0 UG/FILTER 11/16/88
 AS0018-2/5-3 P/P NA 11/17/88
 AS0019-1/5-1 P/P NA 11/16/88
 AS0019-2/5-1 P/P NA 11/17/88
 AS0020-1/1-1 P/P NA 11/16/88
 AS0020-2/1-1 P/P NA 11/18/88

*** PESTICIDES ***

PP CAS NO COMPOUND

101P 1024-57-3 HEPTACHLOR EPOXIDE
 92P 50-29-3 4,4'-DDE
 93P 72-55-9 4,4'-DDE

2908
 UJ

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 (I) = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 Q = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR INAPPROPRIATE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301686

WHITTOVER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0017-2/H-1 AS0018-1/S-3 AS0018-2/S-3 AS0019-1/S-1 AS0019-2/S-1 AS0020-1/I-1 AS0020-2/I-1
 UG/FILTER 11/17/88 UG/FILTER 11/16/88 UG/FILTER 11/17/88 UG/FILTER 11/16/88 UG/FILTER 11/17/88 UG/FILTER 11/16/88 UG/FILTER 11/16/88

*** INORGANICS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	AS0017-2/H-1	AS0018-1/S-3	AS0018-2/S-3	AS0019-1/S-1	AS0019-2/S-1	AS0020-1/I-1	AS0020-2/I-1
1		ALUMINUM							
2		ANTIMONY							
3		ARSENIC							
6		CADMIUM							
7		CALCIUM							
9		CHROMIUM							
10		COPPER							
11		IRON							
12		LEAD							
13		MAGNESIUM							
14		MANGANESE							
15		MERCURY							
16		NICKEL							
17		POTASSIUM							
18		SELENIUM							
19		SILVER							
20		SODIUM							
21		THALLIUM							
24		ZINC							
		CYANIDE							

(0.6)B	1.6B	3.6B	(0.9)B	2.9B	1.6B	5.0B
42B		591B				
		1.6B				
		253				
		124B				
		2.4B				
		(132)B				
		5.0				
		UL				
		(70)B				
		10.22)B				
		UL				
		652B				
		7.0B				
		NA				

AR301687

NO
 0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 1 = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 2 = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 3 = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 4 = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 5 = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR INHIBITRE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITNOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0017-2/8-1	AS0018-1/5-3	AS0018-2/5-3	AS0019-1/5-1	AS0019-2/5-1	AS0020-1/1-1	AS0020-2/1-1
NA						
11/17/88	11/16/88	11/17/88	11/16/88	11/17/88	11/16/88	11/18/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

- 0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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- K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
- || = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
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AR301688

WHITHOVER AIR SAMPLES

SAMPLE NUMBER: AS0021-1/6-1 AS0021-1D/6-1 AS0021-2/6-1 AS0021-2D/6-1 AS0021-3/6-1 AS0022-1/1-2 AS0022-2/1-2
 DILUTION FACTOR: VOA'S NA VOA'S NA VOA'S NA VOA'S NA VOA'S NA VOA'S NA
 DESCRIPTION: IMPLICATE VOA'S NA VOA'S NA VOA'S NA VOA'S NA VOA'S NA
 UNITS: ug/FILTER ug/FILTER ug/FILTER ug/FILTER ug/FILTER ug/FILTER
 DATE SAMPLED: 11/16/88 11/16/88 11/17/88 11/17/88 11/18/88 11/17/88

*** VOLATILES ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

AR301689

: B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT, REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT, AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 Q = UNRELIABLE RESULT, ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITNOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0021-1/6-1 AS0021-1D/6-1 AS0021-2/6-1 AS0021-2D/6-1 AS0021-3/6-1 AS0022-1/1-2 AS0022-2/1-2
2 2
U AC/FILTER UG/FILTER UG/FILTER UG/FILTER UG/FILTER UG/FILTER UG/FILTER
11/16/88 11/16/88 11/17/88 11/17/88 11/18/88 11/17/88 11/17/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND	U	UG/FILTER	U	UG/FILTER	U	UG/FILTER	U	UG/FILTER
648	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE		3.58		3.58				
649	117-84-0	DI-N-OCTYL PHTHALATE		5.5J						
649	64-74-2	DI-N-BUTYL PHTHALATE		159		4.78				
708	84-86-2	DIBUTYL PHTHALATE		7.28		3.58				
678	85-48-7	BUTYL BENZYL PHTHALATE								
718	131-11-3	DIMETHYL PHTHALATE								
18	83-32-9	ACENAPHTHENE								
778	208-96-8	ACENAPHTHYLENE								
788	120-12-7	ANTHRACENE								
748	205-99-2	BENZO(B)FLUORANTHENE								
788	191-84-2	BENZO(G,H,I)PERYLENE								
768	218-01-9	CHRYSENE								
388	206-44-0	FLUORANTHENE								
808	86-73-7	FLUORENE								
558	91-20-3	NAPHTHALENE								
918	85-01-8	2-METHYLNAPHTHALENE								
848	129-00-0	PHENANTHRENE								
548	98-95-3	PIRENE								
628	96-30-6	9-NITRODIPHENYLAMINE								
	62-53-3	ANILINE								
	88-74-4	2-NITROANILINE								
	106-47-8	4-CHLOROANILINE								
	65-85-0	BENZOIC ACID								
	132-64-9	DIBENZOFURAN								
		ANILINE-2								
		METHYL BROMIDE								

IS :
 0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED LOW
 K = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED LOW
 1) = ANALYTE PRESENT, AS VALUES APPROACH THE 10L THE QUANTITATION MAY NOT BE ACCURATE
 2) = UNRELIABLE RESULT, ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301690

WHITWOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0021-1/6-1 AS0021-1D/6-1 AS0021-2/6-1 AS0021-2D/6-1 AS0021-3/6-1 AS0022-1/1-2 AS0022-2/1-2
2 2
U AG/FILTER IMPLICATE UG/FILTER
11/16/88 11/16/88 11/17/88 11/17/88 11/18/88 11/17/88 11/17/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	95-48-7	2-METHYLPHENOL
	106-44-5	4-METHYLPHENOL
31A	105-67-9	2,4-DIMETHYLPHENOL
59A	51-28-5	2,4-DINITROPHENOL

18B
3.3J
19
4.4J
UJ

18B
3.7J
21
7.7J
UJ

AR301691

0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRETISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
H = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
B = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOYER AIR SAMPLES

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

AS0021-1/6-1 AS0021-1D/6-1 AS0021-2/6-1 AS0021-2D/6-1 AS0021-3/6-1 AS0022-1/1-2 AS0022-2/1-2
 1.0 1.0
 DUPLICATE P/P NA P/P NA P/P NA P/P NA P/P NA
 U AC/FILTER UG/FILTER UG/FILTER UG/FILTER UG/FILTER UG/FILTER UG/FILTER
 11/16/88 11/16/88 11/17/88 11/17/88 11/18/88 11/17/88 11/17/88

*** PESTICIDES ***

PP CAS NO COMPOUND

101P 1024-57-3 HEPTACHLOR EPOXIDE
 92P 50-29-3 4,4'-DDT
 93P 72-55-9 4,4'-DDE

UJ 440
 UJ 440

AR301692

1 : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE IN PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH I = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 L = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 N = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

WHITHOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0021-1/6-1 AS0021-1D-6/1 AS0021-2/6-1 AS0021-3/6-1 AS0022-2/1-2
 1 1 1 1 1
 UG/FILTER 11/16/88 DUPLICATE UG/FILTER UG/FILTER UG/FILTER UG/FILTER
 11/16/88 11/16/88 11/17/88 11/16/88 11/17/88

*** INORGANICS ***

PT CAS NO COMPOUND

PT	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
6		CADMIUM
7		CALCIUM
8		CHROMIUM
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
15		MERCURY
16		NICKEL
17		POTASSIUM
18		STELLONIUM
19		SILVER
20		SODIUM
21		THALLIUM
24		ZINC
		CYANIDE

383	7.18	508	5.08	3.78	378
9.88	0.73	138			
5378	1.98	0.76			
258	1048	5388			
5.6J	1241B	2.18			
2.9	4.2	144			
0L	0.058	280			
10.31B		2.28			
5228		11261B			
0L		4.2			
7.58		0.058			
NA		1601B			
		10.41B			
		5208			
		0L			
		6.88			
		NA			

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 R = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 11 = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 0J = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR UNRELIABLE / 0L = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301693

WHITMOYER AIR SAMPLES

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

AS0021-1/6-1 AS0021-1D/6-1 AS0021-2/6-1 AS0021-2D/6-1 AS0022-1/1-2 AS0022-2/1-2
 NA NA NA NA NA NA
 11/16/88 11/16/88 11/17/88 11/17/88 11/17/88 11/17/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

- D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
- J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
- K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
- II = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
- Q = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
- UU = NOT DETECTED. QUANTITATION LIMIT MAY BE INAPPROPRIATE OR INADEQUATE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301694

WHITTOYER AIR SAMPLES

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

AS0023-1/R-1 VOA'S NA	AS0023-2/R-1 VOA'S NA	AS0024-1/S-2 VOA'S NA	AS0024-2/S-2 VOA'S NA	AS0025-1/3-1 VOA'S NA	AS0025-2/3-1 VOA'S NA	AS0026-1/6-2 VOA'S NA
11/17/89	11/18/88	11/17/88	11/18/88	11/17/88	11/18/88	11/18/88

*** VOLATILES ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

AR301695

- D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
- J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
- K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
- (I) = ANALYTE PRESENT. AS VALUES APPROACH THE LOD, THE QUANTITATION MAY NOT BE ACCURATE
- R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
- UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOVER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0023-1/8-1 BMA'S NA AS0023-2/8-1 BMA'S NA AS0024-1/5-2 BMA'S NA AS0024-2/5-2 BMA'S NA AS0025-1/3-1 BMA'S NA AS0025-2/3-1 BMA'S NA AS0026-1/6-2 BMA'S NA

11/17/89 11/18/88 11/17/88 11/18/88 11/17/88 11/18/88 11/18/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
668	117-61-7	BIS(2-ETHYLHEXYL)PHTHALATE
698	117-84-0	DI-N-OCTYL PHTHALATE
688	84-74-2	DI-N-BUTYL PHTHALATE
708	84-68-2	DIETHYL PHTHALATE
678	85-68-7	BUTYL BENZYL PHTHALATE
718	131-11-3	DIMETHYL PHTHALATE
1A	83-32-9	ACENAPHTHENE
778	208-86-8	ACENAPHTHYLENE
788	120-12-7	ANTHRACENE
748	208-99-2	BENZO(B)FLUORANTHENE
798	191-24-2	BENZO(G,H,I)PERYLENE
768	218-01-9	CHRYSENE
398	206-44-0	FLUORANTHENE
808	86-73-7	FLUORENE
558	91-20-3	NAPHTHALENE
91-57-6		2-METHYLNAPHTHALENE
85-01-8		FLUORANTHENE
848	129-00-0	PYRENE
568	98-85-3	NITROBENZENE
628	86-30-6	N-NITROSDIPICRYLAMINE
62-53-3		ANILINE
88-74-4		2-NITROANILINE
106-47-8		4-CHLOROANILINE
65-85-0		BENZOIC ACID
132-64-9		DIBENZOFURAN
		ANILINE-2
		METHYL BENZOIDE

0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 N = ANALYTE PRESENT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 O = UNRELIABLE RESULT. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301696

WHITWOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:

AS0023-1/R-1 BNA'S NA AS0023-2/R-1 BNA'S NA AS0024-1/S-2 BNA'S NA AS0025-1/3-1 BNA'S NA AS0025-2/3-1 BNA'S NA AS0026-1/6-2 BNA'S NA

DATE SAMPLED:

11/17/89 11/18/88 11/17/88 11/18/88 11/18/88 11/18/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
95-AR-7		2-METHYLPHENOL
108-44-8		4-METHYLPHENOL
34A	105-67-9	2,4-DIMETHYLPHENOL
59A	51-28-5	2,4-DINITROPHENOL

0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 II = ANALYTE PRESENT. AS VALUES APPROACH THE LOD, THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301697

MILITARY AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0023-1/8-1 P/P NA 11/17/89 AS0023-2/8-1 P/P NA 11/18/88 AS0024-1/5-2 P/P NA 11/17/88 AS0024-2/5-2 P/P NA 11/18/88 AS0025-1/3-1 P/P NA 11/17/88 AS0025-2/3-1 P/P NA 11/18/88 AS0026-1/6-2 P/P NA 11/18/88

*** PESTICIDES ***

PP CAS NO COMPOUND

101P 1024-57-3 HEPTACHLOR EPOXIDE
92P 50-29-3 4,4'-DDT
93P 72-85-9 4,4'-DDE

0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / I. = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / I. = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
L = ANALYTE PRESENT. AS VALUES APPROACH THE IUL THE QUANTITATION MAY NOT BE ACCURATE
M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
N = NOT DETECTED. QUANTITATION LIMIT MAY BE INADEQUATE OR INAPPLICABLE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301698

WHITMOER AIR SAMPLES

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

AS0023-1/R-1 AS0023-2/R-1 AS0024-1/S-2 AS0025-1/J-1 AS0025-2/J-1 AS0026-1/G-2
 UG/FILTER 11/17/89 UG/FILTER 11/18/88 UG/FILTER 11/17/88 UG/FILTER 11/17/88 UG/FILTER 11/18/88 UG/FILTER 11/18/88

*** INORGANICS ***

PP CAS NO COMPOUND

- 1 ALUMINUM
- 2 ANTIMONY
- 3 ARSENIC
- 6 CARBON
- 7 CALCIUM
- 8 CHROMIUM
- 10 COPPER
- 11 IRON
- 12 LEAD
- 13 MAGNESIUM
- 14 MANGANESE
- 15 MERCURY
- 16 NICKEL
- 17 POTASSIUM
- 18 SELENIUM
- 19 SILVER
- 20 SODIUM
- 21 THALLIUM
- 24 ZINC
- CYANIDE

208 128 2.68 2.68 2.18 2.68 148 138

1 : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 UJ = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301699

WHITMOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0023-1/8-1 NA	AS0023-2/8-1 NA	AS0024-1/5-2 NA	AS0024-2/5-2 NA	AS0025-1/3-1 NA	AS0025-2/3-1 NA	AS0026-1/6-2 NA
11/17/89	11/18/88	11/17/88	11/18/88	11/17/88	11/18/88	11/18/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
I1 = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
B = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301700

MILITARY AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:

DATE SAMPLED:

AS0026-2/6-2 VOA'S NA	AS0027-1/9-1 VOA'S NA	AS0027-2/9-1 VOA'S NA	AS0028-1/11-1 VOA'S NA	AS0029-1/13-2 VOA'S NA	AS0029-2/13-2 VOA'S NA
11/18/88	11/18/88	11/19/88	11/18/88	11/18/88	11/19/88

*** VOLATILES ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

- B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
- J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
- K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
- Q = ANALYTE PRESENT. AS VALUES APPROACH THE IDL, THE QUANTITATION MAY NOT BE ACCURATE
- R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
- UL = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301701

WHITTOYER AIR SAMPLES

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

AS0026-2/6-2 BNA'S NA 11/18/88
 AS0027-1/9-1 HNA'S NA 11/18/88
 AS0027-2/9-1 BNA'S NA 11/19/88
 AS0028-1/11-1 BNA'S NA 11/18/88
 AS0028-2/11-1 BNA'S NA 11/19/88
 AS0029-1/3-2 BNA'S NA 11/18/88
 AS0029-2/3-2 BNA'S NA 11/19/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
688	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
695	117-84-0	DI-N-OCTYL PHTHALATE
628	84-74-2	DI-N-BUTYL PHTHALATE
708	84-66-2	DIETHYL PHTHALATE
678	85-68-7	BUTYL BENZYL PHTHALATE
718	131-11-3	DIMETHYL PHTHALATE
16	83-32-9	ACENAPHTHENE
778	208-96-8	ACENAPHTHYLENE
788	120-12-7	ANTHRACENE
748	205-99-2	BENZO(B)FLUORANTHENE
798	191-24-2	BENZO(G,H,I)PERYLENE
768	218-01-9	CHRYSENE
398	206-44-0	FLUORANTHENE
808	86-73-7	FLUORENE
558	91-20-3	MAPHTHALENE
91-57-6		2-METHYLMAPHTHALENE
818	85-01-8	PIRENE
848	129-00-0	PYRENE
568	98-95-2	NITROBENZENE
628	86-30-6	N-NITROSOPIPHENYLAMINE
62-53-3		ANILINE
88-74-4		2-NITROANILINE
106-47-8		4-CHLOROANILINE
65-85-0		BENZOIC ACID
133-64-9		DIBENZOFURAN
		ANILINE-2
		METHYL BROMIDE

NO

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR INDEFINITE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301702

WILTMAYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:

AS0026-2/6-2 BWA'S NA AS0027-1/9-1 BWA'S NA AS0028-1/11-1 BWA'S NA AS0029-1/3-2 BWA'S NA AS0029-2/3-2 BWA'S NA

DATE SAMPLED:

11/18/88 11/18/88 11/19/88 11/19/88 11/18/88 11/19/88

*** ACIDS ***

PP CAS NO COMPOUND

65A 108-95-2 PHENOL
93-48-7 2-METHYLPHENOL
106-44-5 4-METHYLPHENOL
34A 105-67-9 2,4-DIMETHYLPHENOL
59A 51-28-5 2,4-DINITROPHENOL

NOTES : 0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
I I = ANALYTE PRESENT. AS VALUES APPROACH THE IUI. THE QUANTITATION MAY NOT BE ACCURATE
R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301703

WHITNOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:

AS0026-2/6-2 AS0027-1/9-1 AS0027-2/9-1 AS0028-1/11-1 AS0028-2/11-1 AS0029-1/3-2 AS0029-2/3-2
P/P NA
11/18/88 11/18/88 11/19/88 11/18/88 11/19/88 11/18/88 11/19/88

*** PESTICIDES ***

PP CAS NO COMPOUND

101P 1024-57-3 NEPTACHLOR EPOXIDE
92P 50-29-3 4,4'-DDT
93P 72-65-9 4,4'-DDE

AR301704

IS : 0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
M = ANALYTE PRESENT. AS VALUES APPROACH THE IOL, THE QUANTITATION MAY NOT BE ACCURATE
N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE ON EITHER SIDE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITTOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0026-2/6-2 AS0027-1/9-1 AS0027-2/9-1 AS0028-1/11-1 AS0028-2/11-1 AS0029-1/3-2 AS0029-2/3-2
 2
 UG/FILTER UG/FILTER UG/FILTER UG/FILTER UG/FILTER UG/FILTER UG/FILTER
 11/18/88 11/18/88 11/19/88 11/18/88 11/19/88 11/18/88 11/19/88

*** INORGANICS ***

PP CAS NO COMPOUND

- 1 ALUMINUM
- 2 ANTIMONY
- 3 ARSENIC
- 6 CADMIUM
- 7 CALCIUM
- 8 CHROMIUM
- 10 COPPER
- 11 IRON
- 12 LEAD
- 13 MAGNESIUM
- 14 MANGANESE
- 15 MERCURY
- 16 NICKEL
- 17 POTASSIUM
- 18 SELENIUM
- 19 SILVER
- 20 SODIUM
- 21 THALLIUM
- 24 ZINC
- 25 CYANIDE

6.48 508 448 3.98 4.08 6.58 1.758

AR301705

D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I) = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WUTHOVEN AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0026-2/6-2 NA AS0027-1/9-1 NA AS0027-2/9-1 NA AS0028-1/11-1 NA AS0028-2/11-1 NA AS0029-1/3-2 NA AS0029-2/3-2 NA
11/18/88 11/18/88 11/19/88 11/18/88 11/19/88 11/18/88 11/19/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

AR301706

I : D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REINVENTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
M = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
OJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR INPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0030-1/2-1 VDA'S NA	AS0030-1D/2-1 VDA'S NA	AS0030-2/2-1 VDA'S NA	AS0031-1/2-2 VDA'S NA	AS0032-1/7-1 VDA'S NA	AS0032-2/7-1 VDA'S NA
11/18/88	11/18/88	11/19/88	11/19/88	11/19/88	11/19/88

*** VOLATILES ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / I = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 L = ANALYTE PRESENT. AS VALUES APPROACH THE IOL, THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301707

WITTWER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:

AS0030-1/2-1 BWA'S NA AS0030-1D/2-1 BWA'S NA AS0031-1/2-2 BWA'S NA AS0031-2/2-2 BWA'S NA AS0032-1/7-1 BWA'S NA
AS0030-1/2-1 BWA'S NA AS0030-2/2-1 BWA'S NA AS0031-1/2-2 BWA'S NA AS0031-2/2-2 BWA'S NA AS0032-2/7-1 BWA'S NA

DATE SAMPLED:

11/18/88 11/18/88 11/19/88 11/19/88 11/19/88 11/19/88

000 BASE/NEUTRALS 000

PP	CAS NO	COMPOUND
648	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
649	117-84-0	DI-N-OCTYL PHTHALATE
649	84-74-2	DI-N-BUTYL PHTHALATE
708	84-86-2	DIETHYL PHTHALATE
678	85-68-7	BUTYL BENZYL PHTHALATE
718	131-11-3	DIMETHYL PHTHALATE
18	83-33-9	ACENAPHTHENE
778	208-96-8	ACENAPHTHYLENE
788	120-12-7	ANTHRACENE
748	205-99-2	BENZO(B)FLUORANTHENE
798	191-24-2	BENZO(G,H,I)PERYLENE
768	218-01-9	CHRYSENE
398	206-44-0	FLUORANTHENE
808	86-73-7	FLUORENE
558	91-20-3	INDENOPYRENE
91-57-6		2-METHYLNAPHTHALENE
818	85-01-8	PHENANTHRENE
848	129-00-0	PYRENE
568	98-95-3	NITROBENZENE
628	86-30-6	N-NITROSDIPHENYLAMINE
62-53-3		ANILINE
88-74-4		2-NITROANILINE
106-47-8		4-CHLOROANILINE
65-85-0		BENZOIC ACID
132-64-9		DIBENZOFURAN
		ANILINE-2
		METHYL BROMIDE

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INAPPROPRIATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301708

WINTERBURN AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:

AS0030-1/2-1 BNA'S NA AS0030-1/2-1 AS0030-2/2-1 AS0031-1/2-2 AS0031-2/2-2 AS0032-1/7-1 AS0032-2/7-1
BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA

DATE SAMPLED:

11/18/88 11/18/88 11/19/88 11/19/88 11/19/88 11/19/88 11/19/88

*** ACIDS ***

PP CAS NO COMPOUND

65A 108-95-2 PHENOL
95-48-7 2-METHYLPHENOL
106-44-5 4-METHYLPHENOL
34A 105-67-9 2,4-DIMETHYLPHENOL
59A 51-28-5 2,4-DINITROPHENOL

NY

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
|| = ANALYTE PRESENT. AS VALUES APPROACH THE LUL THE QUANTITATION MAY NOT BE ACCURATE
B = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301709

WHITMOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:

AS0010-1/2-1 AS0030-1D/2-1 AS0030-2/2-1 AS0031-1/2-2 AS0031-2/2-2 AS0032-1/7-1 AS0032-2/7-1
P/P NA P/P NA P/P NA P/P NA P/P NA P/P NA P/P NA

DATE SAMPLED:

11/18/88 11/18/88 11/19/88 11/19/88 11/19/88 11/19/88 11/19/88

*** PESTICIDES ***

PP CAS NO COMPOUND

101P 1024-57-3 HEPTACHLOR EPOXIDE
92P 50-29-3 4,4'-DDE
93P 72-55-9 4,4'-DDE

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
I = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301710

WHITMOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0030-1/2-1	AS0030-10/2-1	AS0030-2/2-1	AS0031-1/2-2	AS0031-2/2-2	AS0032-1/7-1	AS0032-2/7-1
NA	NA	NA	NA	NA	NA	NA
11/18/88	11/18/88	11/19/88	11/19/88	11/19/88	11/19/88	11/19/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

- 0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
- J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
- K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
- LI = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
- U = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
- UL = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301712

HITRUYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0033-1/10-1 AS0033-2/10-1 AS0034-1/10-2 AS0034-2/10-2
VDA'S NA VDA'S NA VDA'S NA VDA'S NA
11/20/88 11/22/88 11/20/88 11/22/88

*** VOLATILES ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

NOTES : N = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
H = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301713

WHITNOYER AIR SAMPLES

SAMPLE NUMBER: AS0033-1/10-1 AS0033-2/10-1 AS0034-1/10-2 AS0034-2/10-2
 DILUTION FACTOR: BMA'S NA BMA'S NA BMA'S NA BMA'S NA
 DESCRIPTION: BMA'S NA BMA'S NA BMA'S NA BMA'S NA
 UNITS: BMA'S NA BMA'S NA BMA'S NA BMA'S NA
 DATE SAMPLED: 11/20/88 11/22/88 11/20/88 11/22/88

000 BASE/NEUTRALS 000

PP	CAS NO	COMPOUND
669	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
699	117-84-0	DI-N-OCTYL PHTHALATE
689	84-74-2	DI-N-BUTYL PHTHALATE
709	84-66-2	DIETHYL PHTHALATE
679	85-68-7	BUTYL BENZYL PHTHALATE
719	131-11-3	DIMETHYL PHTHALATE
18	83-32-9	ACENAPHTHENE
779	209-96-8	ACENAPHTHYLENE
789	120-12-7	ANTHRACENE
749	205-99-2	BENZO(B)FLUORANTHENE
799	191-24-2	BENZO(G,H,I)PERYLENE
769	218-01-9	CHRYSENE
399	206-44-0	FLUORANTHENE
809	86-73-7	FLUORENE
559	91-20-3	INDENYLENE
919	91-57-6	2-METHYLNAPHTHALENE
819	85-01-8	PHENANTHRENE
849	129-00-0	PYRENE
569	98-95-3	NITROBENZENE
629	86-30-6	M-NITRODIPHENYLAMINE
	62-53-3	ANILINE
	88-74-4	2-NITROANILINE
	106-47-8	4-CHLOROANILINE
	65-85-0	BENZOIC ACID
	132-64-9	DIBENZOFURAN
		ANILINS-2
		METHYL BROMIDE

19 : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE IUL THE QUANTITATION MAY NOT BE ACCURATE
 N = UNPLAUSIBLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 O = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301714

WITTMYER AIR SAMPLES

SAMPLE NUMBER: AS0033-1/10-1 AS0033-2/10-1 AS0034-1/10-2 AS0034-2/10-2
 DILUTION FACTOR: BNA'S NA BNA'S NA BNA'S NA BNA'S NA
 DESCRIPTION: BNA'S NA BNA'S NA BNA'S NA BNA'S NA
 UNITS: BNA'S NA BNA'S NA BNA'S NA BNA'S NA
 DATE SAMPLED: 11/20/88 11/22/88 11/20/88 11/22/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	95-48-7	2-METHYLPHENOL
	108-44-5	4-METHYLPHENOL
34A	105-67-9	2,4-DIMETHYLPHENOL
69A	51-28-5	2,4-DINITROPHENOL

AR301715

NOTES :
 R = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / I = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 L = ANALYTE PRESENT. AS VALUES APPROACH THE 100 THE QUANTITATION MAY NOT BE ACCURATE
 M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 N = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR OTHERWISE / UI = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0033-1/10-1 AS0033-2/10-1 AS0034-1/10-2 AS0034-2/10-2
P/P NA P/P NA P/P NA P/P NA

11/20/88 11/22/88 11/20/88 11/22/88

*** PESTICIDES ***

PP CAS NO COMPOUND

101P 1024-57-3 HEPTACHLOR EPOXIDE
92P 50-29-3 4,4'-DDT
93P 72-55-9 4,4'-DDE

113 : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
M = ANALYTE PRESENT. AS VALUES APPROACH THE 10% THE QUANTITATION MAY NOT BE ACCURATE
N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INAPPROPRIATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301716

OUTDOOR AIR SAMPLES

SAMPLE NUMBER: AS0033-1/10-1 AS0033-2/10-1 AS0034-1/10-2 AS0034-2/10-2
 DILUTION FACTOR: 1 1 1 1
 DESCRIPTION:
 UNITS:
 DATE SAMPLED: 11/20/88 11/22/88 11/20/88 11/22/88

*** INORGANICS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	AS0033-1/10-1	AS0033-2/10-1	AS0034-1/10-2	AS0034-2/10-2
1		ALUMINUM				
2		ANTIMONY				
3		ARSENIC				
4		CADMIUM				
5		CALCIUM				
6		CHROMIUM				
10		COPPER				
11		IRON				
12		LEAD				
13		MAGNESIUM				
14		MANGANESE				
15		MERCURY				
16		NICKEL				
17		POTASSIUM				
18		SELENIUM				
19		SILVER				
20		SODIUM				
21		THALLIUM				
24		ZINC				
		CYANIDE				
			2.52B	1.29B	2.51B	1.49B
				UL		
				579B		
				1.0B		
				11B		
				50B		
				1.38B		
				114B		
				11.4		
				1130B		
				10.42B		
				571B		
				UL		
				5.6B		
				NA		

AR301717

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 OJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INAPPROPRIATE OR INAPPROPRISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOYER AIR SAMPLES

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0033-1/10-1	AS0033-2/10-1	AS0034-1/10-2	AS0034-2/10-2
NA	NA	NA	NA
11/20/88	11/22/88	11/20/88	11/22/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

AR301718

B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE LUL THE QUANTITATION MAY NOT BE ACCURATE
 O = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

ORIGINAL
(12)

AIR SAMPLE FIELD BLANK

AR301719

CHITROYER AIR SAMPLE FIELD BLANK

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0001-1F AS0002-1F AS0003-1F
VOA'S NA VOA'S NA VOA'S NA
FIELD BLANK FIELD BLANK FIELD BLANK
MG/TUBE MG/TUBE MG/TUBE
08/20/88 08/20/88 08/20/88

*** VOLATILES ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

- NOTES :
- B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 - J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 - K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 - (I) = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 - R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 - UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR INHOMIGENEOUS / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301720

WHITMOYER AIR SAMPLE FIELD BLANK

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0001-1F AS0002-1F AS0003-1F
FIELD BLANK FIELD BLANK FIELD BLANK
MG/TUBE MG/TUBE MG/TUBE
08/20/88 08/20/88 08/20/88

*** BASE/NEUTRALS ***

PP CAS NO COMPOUND

ANILINE-2
METHYL BROMIDE

NA NA NA

ORIGINAL
(pad)

AR301721

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
M = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE / LE
O = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR HIGH / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

MITTROYER AIR SAMPLE FIELD BLANK

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

AS0001-1F	AS0002-1F	AS0003-1F
FIELD BLANK	FIELD BLANK	FIELD BLANK
MG/TUBE	MG/TUBE	MG/TUBE
08/20/88	08/20/88	08/20/88

*** ACIDS ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

- NOTES :
- B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 - J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 - K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 - || = ANALYTE PRESENT. AS VALUES APPROACH THE LOD, THE QUANTITATION MAY NOT BE ACCURATE
 - R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 - UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301722

WHITHOVER AIR SAMPLE FIELD BLANK

SAMPLE NUMBER: AS0003-1F
 DILUTION FACTOR: P/P NA
 DESCRIPTION: FIELD BLANK
 UNITS: MG/TUBE
 DATE SAMPLED: 08/20/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

ORIGINAL
(24)

- NOTES :
- B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REMITTED IN LABORATORY OR FIELD BLANKS
 - J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 - K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 - II = ANALYTE PRESENT. AS VALUES APPROACH THE IUL THE QUANTITATION MAY NOT BE ACCURATE
 - Q = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 - UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE ON I
 - SE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HI

AR301723

WHITWOYER AIR SAMPLE FIELD BLANK

SAMPLE NUMBER: AS0001-1F AS0002-1F AS0003-1F
DILUTION FACTOR: METALS NA METALS NA METALS NA
DESCRIPTION: METALS NA METALS NA METALS NA
UNITS: 08/20/88 08/20/88 08/20/88
DATE SAMPLED: -----

*** INORGANICS ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

- NOTES :
- B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 - J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 - K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 - IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 - R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 - UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301724

WHITMOYER AIR SAMPLE FIELD BLANK

SAMPLE NUMBER: AS0001-1F AS0002-1F AS0003-1F
DILUTION FACTOR: NA NA NA
DESCRIPTION: NA NA NA
UNITS: NA NA NA
DATE SAMPLED: 08/20/88 08/20/88 08/20/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
M = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
O = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IM / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGH

AR301725

ORIGINAL
(234)

K.9
BUILDING MATERIALS

AR301726

WHITMOYER BUILDING MATERIALS

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BM0001-1/8-1W	BM0002-1/8-1F	BM0008-1/5-3F	BM0008-1D/5-3F	BM0018-1/1-1C	BM0019-1/1-1W	BM0020-1/1-1F
VOA'S NA	VOA'S NA	VOA'S NA	VOA'S NA	VOA'S NA	VOA'S NA	VOA'S NA
11/07/88	11/07/88	11/09/88	DUPLICATE	11/09/88	11/09/88	11/09/88
UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L

*** VOLATILES ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

- NOTES :
- B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 - J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 - K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 - 1) = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 - R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 - UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301727

WITHDRAWN BUILDING MATERIALS

SAMPLE NUMBER:	DILUTION FACTOR:	UNITS:	DATE SAMPLED:	BM0001-1/8-1W BMA'S MA	BM0002-1/8-1F BMA'S MA	BM0008-1/5-3F BMA'S MA	BM0008-1D/5-3F BMA'S MA DUPLICATE	BM0018-1/1-1C TCLP	BM0019-1/1-1W TCLP	BM0020-1/1-1F TCLP
			11/07/88	11/07/88	11/09/88	11/09/88	11/09/88	11/09/88	11/09/88	11/09/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND	368	408	49
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	368	408	49
69B	117-84-0	DI-N-OCTYL PHTHALATE	38	0.58	
68B	84-74-2	DI-N-BUTYL PHTHALATE	34	85	
70B	84-66-2	DIETHYL PHTHALATE		23	23
67B	85-68-7	BUTYL BENZYL PHTHALATE	13	11	33
1B	83-32-9	ACENAPHTHENE			33
78B	191-24-2	BENZO(G,H,I)PERYLENE	UJ	UJ	UJ
83B	193-39-5	INDENO(1,2,3-CD)PYRENE	UJ	UJ	UJ
55B	91-20-3	NAPHTHALENE			23
	91-57-6	2-METHYLNAPHTHALENS		13	11
61B	85-01-8	PHENANTHRENS			33
56B	98-95-3	NITROBENZENE			UJ
62B	86-30-6	N-NITROSODIPHENYLAMINE			UJ
	62-53-3	ANILINE	34		11
53B	77-47-4	HEXACHLOROCYCLOPENTADIENE	14		33
28B	91-94-1	3,3'-DICHLOROBENZIDINS	190		
	65-85-0	BENZOIC ACID	UJ		UJ
	100-51-6	BENZYL ALCOHOL	288		120J
	132-64-9	DIBENZOFURAN		93	53
					23

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IJL THE QUANTITATION MAY NOT BE ACCURATE
 V = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 JJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IJL / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301728

WHITVOYER BUILDING MATERIALS

SAMPLE NUMBER: BMO001-1/8-1W BMO002-1/8-1F BMO008-1/5-3F BMO008-1D/5-3F BMO018-1/1-1C BMO019-1/1-1W BMO020-1/1-1F
 DILUTION FACTOR: BNA'S NA
 DESCRIPTION: 1 1 1 1 1 1 1
 UNITS: UG/L UG/L UG/L UG/L UG/L UG/L UG/L
 DATE SAMPLED: 11/07/88 11/07/88 11/09/88 11/09/88 11/09/88 11/09/88 11/09/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	95-48-7	2-METHYLPHENOL
	106-44-5	4-METHYLPHENOL
34A	105-67-9	2,4-DIMETHYLPHENOL
59A	51-28-5	2,4-DINITROPHENOL

39	7J	12
210	1J	12
67	UJ	6J
UJ	UJ	UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRETISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR INDEFINITE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301729

WHITHOVER BUILDING MATERIALS

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BM0001-1/8-1W	BM0002-1/8-1F	BM0008-1/5-3F	BM0018-1/1-1C	BM0019-1/1-1W	BM0020-1/1-1F
P/P NA	P/P NA		P/P NA	P/P NA	P/P NA
11/07/88	11/07/88	11/09/88	11/09/88	11/09/88	11/09/88
	TCLP	DUPLICATE (TCLP)			
	UG/L	UG/L	UG/L	UG/L	UG/L

*** PESTICIDES ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

AR301730

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 U = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 JJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INADEQUATE OR IM / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

WHITMYER BUILDING MATERIALS

SAMPLE NUMBER: WH0001-1/R-1W WH0002-1/B-1F WH0008-1/5-3F WH0018-1/1-1C WH0019-1/1-1W WH0020-1/1-1F
 DILUTION FACTOR: 2(PH) 10(AS) 5(PH) 10(AS) METALS NA METALS NA METALS NA METALS NA METALS NA
 DESCRIPTION: METALS NA METALS NA METALS NA METALS NA METALS NA
 UNITS: MG/KG
 DATE SAMPLED: 11/07/88 11/07/88 11/09/88 11/09/88 11/09/88 11/09/88

*** INORGANICS ***

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
15		MERCURY
16		NICKEL
17		POTASSIUM
18		SELENIUM
19		SILVER
20		SODIUM
23		THORIUM
24		CYANIDE

17500	3400
[11.6]L	UL
6.5L	17.7L
81.0	[21.4]
UL	UL
138000J	168000J
4.2	13.5
[4.2]	38.1K
59.7K	3030.0J
5700.0J	5.5L
4.3L	25000.0J
37800J	101K
169K	0.21
0.21	
1190	[841]
1.3L	R
R	R
[6.2]	[6.8]
20.8J	87.6J
NA	NA

NOTES :
 B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR IMPRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UL = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UJ = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301731

WHITMOYER BUILDING MATERIALS

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BM0001-1/8-1W NA	BM0002-1/8-1F NA	BM0008-1/5-3F NA	BM0008-1D/5-3F NA	BM0018-1/1-1C NA	BM0019-1/1-1W NA	BM0020-1/1-1F NA
11/07/88	11/07/88	11/09/88	11/09/88	11/09/88	11/09/88	11/09/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

AR301732

- NOTES :
- B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 - J = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 - K = ANALYTE PRESENT. REPORTED VALUE APPROACHES THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 - LI = ANALYTE PRESENT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 - UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMAY / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

HITROYER BUILDING MATERIALS

SAMPLE NUMBER: BM0020-1D/1-1F BM0031-1/6-1F BM0032-1/6-1W BM0032-1D/6-1W BM0033-1/6-1C BM0041-1
 DILUTION FACTOR: VOA'S NA VOA'S NA VOA'S NA VOA'S NA VOA'S NA VOA'S NA
 DESCRIPTION: DUPLICATE
 UNITS: UG/L UG/L UG/L UG/L UG/L
 DATE SAMPLED: 11/09/88 11/07/88 11/07/88 11/07/88 11/09/88 11/08/88

*** VOLATILES ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301733

WHITWOYER BUILDING MATERIALS

SAMPLE NUMBER: DM0020-1D/1-1F DM0031-1/6-1F DM0032-1/6-1W DM0033-1/6-1C DM0041-1
 DILUTION FACTOR: 1
 DESCRIPTION: DUPLICATE(20) *top* BMA'S MA
 UNITS: UG/L UG/L UG/L UG/L UG/L
 DATE SAMPLED: 11/09/88 11/07/88 11/07/88 11/07/88 11/08/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND	27	37B	2B	41B
65B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE				0.6B
69B	117-84-0	DI-N-OCTYL PHTHALATE				
68B	84-74-2	DI-N-BUTYL PHTHALATE	2J	18J	14	4J
70B	84-66-2	DIETHYL PHTHALATE			1J	17
67B	85-68-7	BUTYL BENZYL PHTHALATE		15J		
1B	85-32-9	ACENAPHTHENE	2J			
78B	181-24-2	BENZO(O,N,1)PBYLENE	UJ	UJ		
82B	193-39-5	INDENO(1,2,3-CD)PYRENE	UJ	UJ		
55B	91-20-3	NAPHTHALENE				
91-57-6		2-METHYLNAPHTHALENE	7J			
81B	85-01-8	PHENANTHRENE	2J			
56B	98-95-3	NITROBENZENE				9J
62B	86-30-6	N-NITROSDIPHENYLAMINE				4J
62-53-3		ANILINE				1300
53B	77-47-4	HEXACHLOROCYCLOPENTADIENE	UJ	630	UJ	UJ
28B	91-94-1	3,3'-DICHLOROBENZIDINE				
65-85-0		BENZOIC ACID	190J	UJ	UJ	60B
100-51-6		BENZYL ALCOHOL	6J	4J		
132-64-9		DIBENZOFURAN	2J			

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / I. = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L. = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE
 M = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 O = NOT DETECTED, QUANTITATION LIMIT MAY BE INAPPROPRIATE ON THIS ANALYTE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

WHITNEY BUILDING MATERIALS

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

BM020-10/1-1F BM031-1/6-1F BM032-1/6-1W BM032-1D/6-1W BM041-1
 1 3 1 1 1
 DUPLICATE(TUP) TUP TUP TUP
 UG/L UG/L UG/L UG/L UG/L
 11/09/88 11/07/88 11/07/88 11/07/88 11/08/88
 BNA'S NA BNA'S NA BNA'S NA BNA'S NA

*** ACIDS ***

PP CAS NO COMPOUND

65A 108-95-2 PHENOL
 95-48-7 2-NETRYLPHENOL
 106-44-6 4-NETRYLPHENOL
 34A 105-67-9 2,4-DINETRYLPHENOL
 59A 51-28-5 2,4-DINITROPHENOL

6J 29
 22 11
 30 UJ
 15 UJ
 6J UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / I = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 L = ANALYTE PRESENT. AS VALUES APPROACH THE LOD, THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR INCREASE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301735

WHITHOYER BUILDING MATERIALS

SAMPLE NUMBER: BM0020-10/1-1F BM0031-1/6-1F BM0032-1/6-1W BM0032-10/6-1W BM0033-1/6-1C BM0041-1
 DILUTION FACTOR: P/P NA P/P NA P/P NA P/P NA P/P NA P/P NA
 DESCRIPTION: DUPLICATE
 UNITS: UG/L UG/L UG/L UG/L UG/L
 DATE SAMPLED: 11/09/88 11/07/88 11/07/88 11/07/88 11/08/88 11/08/88

*** PESTICIDES ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

- NOTES :
- B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 - J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 - K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 - M = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 - N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE
 - O = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMP / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGH

AR301736

WHITNEY BUILDING MATERIALS

SAMPLE NUMBER: RMO020-10/1-1F RMO031-1/6-1F RMO032-1/6-1W RMO032-10/6-1W RMO033-1/6-1C RMO041-1
 DILUTION FACTOR: METALS NA 1000(AS) 20(PB) 100(AS) 20(PB) 5(PB)
 DESCRIPTION: UNLESS VAT
 UNITS: MG/KG MG/KG MG/KG MG/KG MG/KG
 DATE SAMPLED: 11/09/88 11/07/88 11/07/88 11/07/88 11/09/88

*** INORGANICS ***

PP	CAS NO	COMPOUND	11/09/88	11/07/88	11/07/88	11/07/88	11/09/88
1		ALUMINUM	5760	4160	3260	336	121
2		ANTIMONY	16.7L	UL	UL	92.9L	692L
3		ARSENIC	4300L	1470L	171L	37300L	23900L
4		BARIUM	[26.4]	[23.1]	[19.2]	[39.3]	
5		BISMUTH	UL	UL	UL	1.8L	UL
6		CADMIUM	95900J	269000J	292000J	1630J	[398]J
7		CAESIUM	16.6	5.9	4.2	5.7	4.4
8		CHROMIUM		[3.8]		16.6	[4.1]
9		COBALT	15.0K	6.0K		27.2K	29.7K
10		COPPER	9540J	5490J	3210J	1460.0J	446.0J
11		IRON	12.8L	35.0L	2.4L	48.5L	10.5L
12		LEAD	12600J	5860J	5360J	[279.0]J	UJ
13		MAGNESIUM	157K	134K	85.1K	169.0K	6.4K
14		MANGANESE	0.72	0.16		1.6	0.25
15		MERCURY	18.4	[5.9]		11.7	30.1
16		NICKEL	1100	[819]		7440	[575]
17		POTASSIUM	R	R	[824]	R	[1.2]L
18		SELENIUM	R	R	R	R	2.6L
19		SILVER	3150	[6.4]		39800	22700
20		SODIUM	[7.8]	439J			
23		STRONTIUM	136J	NA	173J	NA	17.7J
24		ZINC	NA	NA	NA	NA	NA
		CYANIDE					

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 L = ANALYTE PRESENT. AS VALUES APPROACH THE 10L THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301737

WHITMOYER BUILDING MATERIALS

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

11/09/88 11/07/88 11/07/88 11/08/88 11/09/88
 MA MA MA MA MA
 IM0020-10/1-1F IM0031-1/6-1F IM0032-1/6-1W IM0033-1/6-1C IM0041-1
 MA MA MA MA MA

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

NO PARAMETERS DETECTED FOR THIS CATEGORY

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMA / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301738

BUILDING MATERIAL FIELD BLANK

AR301739

WHITROYER BUILDING MATERIAL FIELD BLANK

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

BK0001-1F
1
RIMSATE BLK
UG/L
11/09/88

*** INORGANICS ***

PP CAS NO COMPOUND

11 140
IRON
CYANIDE

140
NA

NOTES : D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
() = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301740

**K.10
ASBESTOS**

AR301741

WHITMOYER ASBESTOS

SAMPLE NUMBER:
DATE SAMPLED:

AB0001 12/01/88 AB0002 12/01/88 AB0003 12/01/88 AB0004 12/01/88 AB0005 12/01/88 AB0006 12/01/88 AB0007 12/01/88

*** GEOCHEMICAL PARAMETERS ***

PP	CAS NO	COMPOUND
		TOTAL ASBESTOS
		CHRYROTILE
		AMOSITE
		CELLULOSE
		FIBROUS GLASS
		SYNTH. POLYMER
		BINDING MATERIAL

10-15	<1	45-50	16-20	1-5	<1	20-25
10-15		45-50	15-20	1-5		20-25
55-60			60-65	45-50	1-5	
20-25	95-100	45-50	10-15	40-45	65-90	70-75

AR301742

WHITMOYER ASBESTOS

SAMPLE NUMBER:
DATE SAMPLED:

AB0008 12/01/88 AB0009 12/01/88 AB0010 12/01/88 AB0011 12/01/88 AB0012 12/01/88 AB0013 12/01/88 AB0014 12/01/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

60-65 TOTAL ASBESTOS
60-65 CHRYSOTILE
1-5 AMOSITE
1-5 CELLULOSE
85-90 FIBROUS GLASS
30-35 SYNTH. POLYMER
85-90 BINDING MATERIAL

<1
10-15
10-15
45-50
36-45
1-5
35-40
25-30
25-30
5-10
85-90
30-35
50-55
65-70

AR301743

WHITMOYER ASBESTOS

SAMPLE NUMBER:
DATE SAMPLED:

AB0015 12/01/88 AB0016 12/01/88 AB0017 12/01/88 AB0018 12/01/88 AB0019 12/19/88 AB0020 12/19/88 AB0021 12/19/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

TOTAL ASBESTOS
CHRYSOOTILE
AMOSITE
CELLULOSE
FIBROUS GLASS
SYNTH. POLYMER
BINDING MATERIAL

<1 1-5 20-25 20-25 <1 20-25 30-35 30-35
1-5 20-25 35-40 1-5 20-25 15-20 15-20 40-45 45-60
70-75 85-90 25-30 95-100 30-35 30-35 10-15

AR301744

WHITMOYER ASBESTOS

SAMPLE NUMBER:
DATE SAMPLED:

AB0022 12/19/88 AB0023 12/19/88 AB0024 12/19/88 AB0025 12/19/88 AB0026 12/19/88 AB0027 12/19/88 AB0028 12/19/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

TOTAL ASBESTOS
CHRYSOPILE
AMOSITE
CELLULOSE
FIBROUS GLASS
SYNTH. POLYMER
BINDING MATERIAL

35-40 30-40 15-20 40-45 40-45 1-5 25-30
35-40 15-20 15-20 40-45 40-45 1-5 25-30
55-60 55-60 75-80 50-55 50-55 35-40 65-70

AR301745

WHITNEY ASBESTOS

SAMPLE NUMBER:
DATE SAMPLED:

AB0029 12/19/88 AB0030 12/19/88 AB0031 12/19/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

TOTAL ASBESTOS
CHRYSOPILE
AMOSITE
CELLULOSE
FIBROUS GLASS
SYNTH. POLYMER
BINDING MATERIAL

20-25 30-35 <1
20-25 30-35 35-40
70-75 60-65 55-60

AR301746

JOHN
(Rev)

K.11
VAULT WASTE

11/11/11

AR301747

WHITMOYER VAULT WASTE

SAMPLE NUMBER: VT0001-1
 DILUTION FACTOR: 0.5
 DESCRIPTION: MG/KG
 UNITS: 09/16/88
 DATE SAMPLED: 09/16/88

VT0002-1
 0.5
 MG/KG
 09/16/88

VT0002-1D
 0.5
 DUPLICATE
 MG/KG
 09/16/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
67-64-1		ACETONE
78-93-3		2-BUTANONE
691-78-6		2-HEXANONE
108-10-1		4-METHYL-2-PENTANONE
4V 71-43-2		BENZENE
95-47-6		TOTAL XYLENES
41V 75-09-2		METHYLENE CHLORIDE

128	6.8B	15B
37B	34B	37B
UJ	UJ	UJ
UJ	UJ	UJ
	1.3J	
	6.2	1.3J
9.9B	4.7B	9.2B

NOTES : NEG = NEGATIVE / B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301748

WHITMOYER VAULT WASTE

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

VT0001-1
 800
 MC/KG
 09/16/89

VT0002-1
 10
 MC/KG
 09/16/89

VT0002-1D
 10
 DUPLICATE
 MC/KG
 09/16/89

*** BASE/NEUTRALS ***

PP CAS NO COMPOUND

629 86-30-6 N-NITROSODIPHENYLAMINE
 62-83-3 ANILINE
 65-85-0 BENZOIC ACID

47000
 110000
 UJ

94J
 2000
 UJ

270
 1900
 UJ

NOTES : NEG = NEGATIVE / B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 (I) = ANALYTE PRESENT. AS VALUES APPROACH THE LUL THE QUANTITATION MAY NOT BE ACCURATE
 B = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE ON I / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301749

WILTMAYER VAULT WASTE

SAMPLE NUMBER:
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

VT0001-1 VT0002-1 VT0002-1D
 800 10 10
 MG/KG MG/KG MG/KG
 09/16/88 09/16/88 09/16/88
 DUPLICATE

*** ACIDS ***

PP CAS NO COMPOUND

65A 100-95-2 PHENOL

39J

39J

NOTES : NEG = NEGATIVE / B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE LLD, THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMITATIVE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301750

WHITMOYER VAULT WASTE

SAMPLE NUMBER:
DILUTION FACTOR:
DESCRIPTION:
UNITS:
DATE SAMPLED:

VT0001-1 VT0002-1 VT0002-1D
100 100 100
MC/KG MC/KG DUPLICATE
09/16/88 09/16/88 MC/KG
09/16/88

*** PESTICIDES ***

PP CAS NO COMPOUND

98P 72-20-8 ENDRIIN
95P 959-98-9 ENDOSULFAN I
33213-65 ENDOSULFAN II

R R R
R R R
R R R

NOTES : NEG = NEGATIVE / B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT I.M. UPLS
 OJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR E / UL = NOT DETECTED, QUANTITATION : IT IS PROBABLY HIGH

AR301751

WHITROYER VAULT WASTE

SAMPLE NUMBER: VT0002-1D
 DILUTION FACTOR: 100
 DESCRIPTION: VT0002-1
 UNITS: MG/KG
 DATE SAMPLED: 09/16/88

*** INORGANICS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	VT0001-1 100 MG/KG 09/16/88	VT0002-1 100 MG/KG 09/16/88	VT0002-1D 100 MG/KG 09/16/88
1		ALUMINUM		7970J	13500J
2	372	ANTIMONY		469	490
3	124000	ARSENIC		161000	152000
7	1920	CALCIUM		85600	67400
8		CHROMIUM			57
10	91	COPPER		44	
11	613	IRON		4590	9280
12		LEAD			64
13		MAGNESIUM		1640	2480
14		MANGANESE		136	316
20	124000	SODIUM		64600	69400
21	UL	THALLIUM	NEG UL	UL	UL
		CYANIDE		UL	

NOTES : NEG = NEGATIVE / B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IJL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301752

WHITMOYER VAULT WASTE

SAMPLE NUMBER: VT0001-1 VT0002-1 VT0002-ID
 DILUTION FACTOR:
 DESCRIPTION:
 UNITS: MG/KG MG/KG DUPLICATE
 DATE SAMPLED: 09/16/88 09/16/88 09/16/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

 NEG 19200J 685
 NEG 40400J 1170
 SULFIDE
 SILICON
 TITANIUM

NOTES : NEG = NEGATIVE / B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT, AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 U = UNRELIABLE RESULT, ANALYTE MAY OR MAY NOT BE PRESENT IN PLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IN / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR3Q1753

VAULT WASTE TCLP SAMPLES

AR301754

WHITMOYER VAULT WASTE TCLP SAMPLES

SAMPLE NUMBER: VT0001-1TCLP VT0002-1TCLP
 UNITS: UG/L UG/L
 DATE SAMPLED: 09/16/88 09/16/88

SAMPLE NUMBER:
 UNITS:
 DATE SAMPLED:

*** INORGANICS ***

FP CAS NO COMPOUND

FP	CAS NO	COMPOUND	VT0001-1TCLP	VT0002-1TCLP
3		ARSENIC	1630000J	7960000J
4		BARIUM	1090	[368]B
6		CADMIUM	R	1420
8		CHROMIUM	UJ	R
12		LEAD	[21.0]L	UJ
18		SELENIUM	R	R
19		SILVER	R	R

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 [] = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301755

K.12
SOIL BORINGS

AR301756

WILTMAYER SOIL BORINGS:

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB0100-1(7.5) SB0108-1(-0.5) SB0200-1(4.5) SB0206-1(-1.5) SB0300-1(7) SB0304-1(3) SB0308-1(-1)
SURFACE 8-9' VOA'S NA SURFACE 6-7' VOA'S NA SURFACE 4-6' VOA'S NA 8-9.5'
VOA'S NA VOA'S NA VOA'S NA VOA'S NA VOA'S NA VOA'S NA 14
UN/TUP
UG/KC
08/17/88 08/17/88 08/17/88 08/17/88 08/18/88 08/18/88

*** VOLATILES ***

FP	CAS NO	COMPOUND
67-64-1		ACETONE
78-93-3		2-BUTANONE
591-78-6		2-HEXANONE
108-10-1		4-METHYL-2-PENTANONE
4V 71-43-2		BENZENE
66V 108-88-3		TOLUENE
38V 100-41-4		ETHYLBENZENE
95-47-6		TOTAL XYLENES
100-42-5		STYRENE
108-90-7		CHLOROBENZENE
15V 79-34-5		1,1,2,2-TETRACHLOROETHANE
11V 71-55-6		1,1,1-TRICHLOROETHANE
14V 79-00-5		1,1,2-TRICHLOROETHANE
10V 75-34-3		1,1-DICHLOROETHANE
10V 107-06-2		1,2-DICHLOROETHANE
16V 75-00-3		CHLOROETHANE
85V 127-18-4		TETRACHLOROETHENE
87V 79-01-6		TRICHLOROETHENE
30V 156-60-5		TOTAL-1,2-DICHLOROETHENE
29V 75-35-4		1,1-DICHLOROETHENE
88V 75-01-4		VINYL CHLORIDE
8V 56-23-5		CARBON TETRACHLORIDE
23V 67-56-3		CHLOROFORM
44V 75-09-2		METHYLENE CHLORIDE
45V 74-87-3		CHLOROMETHANE
32V 78-87-5		1,2-DICHLOROPROPANE
33VT 10061-02-6		TRANS-1,3-DICHLOROPROPENE
33VC 10061-01-5		CIS-1,3-DICHLOROPROPENE
47V 75-25-2		BROMOFORM
46V 74-83-9		BROMOMETHANE
48V 75-27-4		BROMODICHLOROETHANE
51V 124-48-1		DIBROMOCHLOROETHANE
75-15-0		CARBON DISULFIDE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS

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K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW

(I) = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE

R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.

UJ = NOT DETAILED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301757

14B
R

9B

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB0100-1(7.5) SURFACE VOA'S NA	SB0108-1(-0.6) 8-9" VOA'S NA	SB0200-1(4.5) SURFACE VOA'S NA	SB0206-1(-1.5) 6-7" VOA'S NA	SB0300-1(7) SURFACE VOA'S NA	SB0304-1(J) 4-6" VOA'S NA	SB0308-1(-1) 8-9.5" 14 UN/TUP UC/MG
08/17/88	08/17/88	08/17/88	08/17/88	08/18/88	08/18/88	08/18/88

108-05-4 VINYL ACETATE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I1 = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 B = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301758

WHITVOYER SO: L BORINGS

SAMPLE NUMBER: SBO100-1(7.5) SBO108-1(-0.5) SBO200-1(4.5) SBO206-1(-1.5) SBO300-1(7) SBO304-1(3) SBO308-1(-1)
 X MOISTURE: SURFACE 8-9' BNA'S NA SURFACE 6-7' BNA'S NA SURFACE 4-6' BNA'S NA 8-9.5'
 DEPTH: BNA'S NA BNA'S NA BNA'S NA BNA'S NA 13
 DESCRIPTION: SURFACE BNA'S NA SURFACE BNA'S NA SURFACE BNA'S NA UN/TUP
 UNITS: BNA'S NA BNA'S NA BNA'S NA BNA'S NA UC/KG
 DATE SAMPLED: 08/17/88 08/17/88 08/17/88 08/17/88 08/18/88 08/18/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
668	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
698	84-74-2	DI-N-BUTYL PHTHALATE
708	84-66-2	DIETHYL PHTHALATE
678	85-68-7	BUTYL BENZYL PHTHALATE
718	131-11-3	DIMETHYL PHTHALATE
18	83-32-9	ACENAPHTHENE
728	120-12-7	ANTHRACENE
728	56-55-3	BENZO(A)ANTHRACENE
748	205-99-2	BENZO(B)FLUORANTHENE
207-08-9		BENZO(K)FLUORANTHENE
758	191-24-2	BENZO(G,H,I)PERYLENE
738	50-32-8	BENZO(A)PYRENE
768	218-01-9	CHRYSENE
828	53-70-3	DIBENZO(A,H)ANTHRACENE
398	206-44-0	FLUORANTHENE
808	86-73-7	FLUORENE
838	193-39-5	INDENO(1,2,3-CD)PYRENE
558	91-20-3	NAFTHALENE
91-57-6		2-METHYLNAPHTHALENE
818	85-01-8	PHENANTHRENE
848	129-00-0	PYRENE
278	106-46-7	1,4-DICHLOROBENZENE
88	120-82-1	1,2,4-TRICHLOROBENZENE
98	118-74-1	HEXACHLOROBENZENE
368	608-20-2	2,6-DINITROTOLUENE
358	121-14-2	2,4-DINITROTOLUENE
638	621-64-7	N-NITROSODIETHYLENEAMINE
628	86-30-6	N-NITROSODIPHENYLAMINE
62-53-3		ANILINE
68-74-4		2-NITROANILINE
99-09-2		3-NITROANILINE
100-01-6		4-NITROANILINE
108-47-8		4-CHLOROANILINE

NOTES : D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301759

WHITNEY SOIL BORINGS

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB0100-1(7.5) SURFACE BMA'S NA 08/17/88
 SB0108-1(-0.5) SURFACE BMA'S NA 08/17/88
 SB0200-1(1.5) SURFACE BMA'S NA 08/17/88
 SB0206-1(-1.5) SURFACE BMA'S NA 08/17/88
 SB0304-1(3) 4-6' BMA'S NA 08/18/88
 SB0308-1(-1) 8-9.5' 13 UH/TUP 08/18/88
 UC/KO

- 109 111-44-4 BIS(2-CHLOROETHYL) ETHER
- 429 39638-32-9 BIS(2-CHLOROISOPROPYL) ETHER
- 418 101-66-3 4-BROMOPHENYL PHENYL ETHER
- 008 7005-72-3 4-CHLOROPHENYL PHENYL ETHER
- 538 77-47-4 HEXACHLOROCYCLOPENTADIENE
- 249 91-94-1 3,3'-DICHLORODIBENZODIOLINE
- 66-85-0 BENZOIC ACID
- 100-51-6 BENZYL ALCOHOL
- 132-64-9 DIBENZOFURAN
- 129 67-72-1 HEXACHLOROBENZENE

UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PREVIOUS
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE IRL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IM / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301760

WILTMAYER SOIL SAMPLING

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SR0100-11(7.5) SR0108-11(-0.5) SR0200-11(4.5) SR0206-11(-1.5) SR0300-11(7) SR0304-11(3) SR0308-11(-1)
SURFACE 8-9' BNA'S NA SURFACE 6-7' BNA'S NA SURFACE 4-6' BNA'S NA 8-9.5'
BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA UN/TUP
08/17/88 08/17/88 08/17/88 08/17/88 08/18/88 08/18/88
UG/KG

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	106-44-5	4-METHYLPHENOL
	95-95-4	2,4,5-TRICHLOROPHENOL
66A	87-86-5	PENTACHLOROPHENOL
59A	100-02-7	4-NITROPHENOL
59A	51-28-5	2,4-DINITROPHENOL
60A	534-52-1	4,6-DINITRO-2-METHYLPHENOL

NOTES : D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
[] = ANALYTE PRESENT. AS VALUES APPROACH THE IDL, THE QUANTITATION MAY NOT BE ACCURATE
R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.
UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301761

WHITNEY SOIL SAMPLING

SAMPLE NUMBER:
 X MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SR0100-1(17.5) SR0108-1(-0.5) SR0200-1(4.5) SR0206-1(-1.5) SR0300-1(17) SR0304-1(13) SR0308-1(-1)
 SURFACE 8-9' SURFACE 6-7' SURFACE 4-6' 8-9.5'
 P/P NA
 UN/TUP UC/MG
 08/17/88 08/17/88 08/17/88 08/17/88 08/18/88 08/18/88 08/18/88

*** PESTICIDES ***

PP CAS NO COMPOUND

319-84-6 ALPHA-BHC
 92P 50-29-3 4,4'-DDE
 93P 72-55-9 4,4'-DDD

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE ON PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 FI = ANALYTE PRESENT. AS VALUES APPROACH THE IRL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN V
 UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE ON IA / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301762

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
 & MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

S80100-1(17.5) SH0108-1(-0.5) S80200-1(4.5) S80206-1(-1.5) S80300-1(17) S80304-1(3) S80308-1(-1)
 SURFACE SURFACE SURFACE SURFACE SURFACE SURFACE SURFACE
 14.0 27.6 9.9 29.9 12.1 14.4 8-9.5
 UN/TUP UN/TUP UN/TUP UN/TUP UN/TUP UN/TUP UN/TUP
 MG/KG MG/KG MG/KG MG/KG MG/KG MG/KG MG/KG
 08/17/88 08/17/88 08/17/88 08/17/88 08/18/88 08/18/88 08/18/88

*** INORGANICS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	38	65.4	135	1610	12.7	13.4	13600
1		ALUMINUM							UL
2		ANTIMONY							10.3L
3		ARSENIC							102
4		BARIUM							(0.69)
5		BERYLLIUM							ND
6		CADMIUM							23400
7		CALCIUM							40.7K
8		CHROMIUM							18.4
9		COBALT							25.4
10		COPPER							65700
11		IRON	21800	58300	31300	39000	21700	58500	19.1
12		LEAD							14300
13		MAGNESIUM							2430
14		MANGANESE							ND
15		MERCURY							39.4
16		NICKEL							1740
17		POTASSIUM							UL
18		SELENIUM							ND
19		SILVER							165.11B
20		SODIUM							ND
21		THALLIUM							43.7
22		VANADIUM							69.5J
23		ZINC							ND
24		CYANIDE							

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE ON PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / I = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 L = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.
 N = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE ON IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301763

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
 Z' MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SW0100-1(7.5)	SW0108-1(-0.5)	SW0200-1(4.5)	SW0206-1(-1.5)	SW0300-1(7)	SW0304-1(3)	SW0308-1(-1)
MA	MA	MA	MA	MA	MA	MA
08/17/88	08/17/88	08/17/88	08/17/88	08/18/88	08/18/88	08/18/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

pH
 POTENTIAL (MV)
 CATION EXCHANGE CAPACITY (meq/100g)
 SOLID, TOTAL

AR301764

WHITTOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SR0400-1(1) SR0402-1(2) SR0406-1(-2) SR0500-1(H) SR0504-1(4)
R-9.5' SURFACE 2-4' 6-6.5' SURFACE 4-6'
VOA'S NA VOA'S NA VOA'S NA VOA'S NA VOA'S NA
UN/TUP
UG/KG
08/18/88 08/18/88 08/18/88 08/18/88 08/18/88

*** VOLATILES ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND
67-64-1		ACETONE
78-93-3		2-BUTANONE
591-78-6		2-HEXANONE
108-10-1		4-METHYL-2-PENTANONE
4V 71-43-2		BENZENE
86V 108-88-3		TOLUENE
38V 100-41-4		ETHYLBENZENE
95-47-6		TOTAL XYLENES
100-42-5		STYRENE
7V 108-90-7		CHLOROBENZENE
15V 79-34-5		1,1,2,2-TETRACHLOROETHANE
11V 71-55-6		1,1,1-TRICHLOROETHANE
14V 79-00-5		1,1,2-TRICHLOROETHANE
10V 75-34-3		1,1-DICHLOROETHANE
10V 107-06-2		1,2-DICHLOROETHANE
16V 75-00-3		CHLOROETHANE
85V 127-18-4		TETRACHLOROETHENE
87V 79-01-6		TRICHLOROETHENE
30V 156-60-5		TOTAL-1,2-DICHLOROETHENE
29V 75-35-4		1,1-DICHLOROETHENE
88V 75-01-4		VINYL CHLORIDE
6V 56-23-5		CARBON TETRACHLORIDE
23V 67-66-3		CHLOROFORM
44V 75-09-2		METHYLENE CHLORIDE
45V 74-87-3		CHLOROETHANE
32V 78-87-5		1,2-DICHLOROPROPANE
33VT 10061-02-6		TRANS-1,3-DICHLOROPROPENE
33VC 10061-01-5		CIS-1,3-DICHLOROPROPENE
47V 75-25-2		BROMOFORM
46V 74-83-9		BROMOMETHANE
48V 75-27-4		BROMODICHLOROMETHANE
51V 124-48-1		DIBROMOCHLOROMETHANE
75-15-0		CARBON DISULFIDE

17B
R

10B

NOTES :
 B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL RECORDED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE BIASED ON IMPURISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / I = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 L = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 M = UNRELIABLY MEASURED. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 N = NOT DETECTED. QUANTITATION LIMIT MAY BE INDICATED ON IMPURISE / UJ = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301765

WHITMOVER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SBW308-1(-1)M 8-9.5' VQA'S NA	SBW400-1(1) SURFACE VQA'S NA	SBW402-1(2) 2-4' VQA'S NA	SBW406-1(-2) 6-6.5' VQA'S NA	SBW406-1(-2)M 6-6.5' VQA'S NA	SBW500-1(8) SURFACE VQA'S NA	SBW504-1(4) 4-6' VQA'S NA
08/18/89	08/18/89	08/18/89	08/18/89	08/18/89	08/18/89	08/18/89

108-06-4 VINYL ACETATE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IUL, THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE ON SE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGH

AR301766

WITTMOYER SOIL FINDINGS

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SR0308-1(-1)M SR0400-1(4) SR0402-1(2) SR0405-1(-2) SR0406-1(-2)M SR0500-1(B) SR0504-1(4)
 R-9.5' SURFACE 2-4' BNA'S NA 6-6.5' SURFACE 6-6.5' SURFACE 4-6'
 BNA'S NA BNA'S NA BNA'S NA UN/TUP BNA'S NA BNA'S NA
 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND	100J
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	
68B	84-74-2	DI-N-BUTYL PHTHALATE	
70B	84-66-2	DIETHYL PHTHALATE	
67B	85-68-7	BUTYL BENZYL PHTHALATE	
71B	131-11-3	DIMETHYL PHTHALATE	
1B	83-32-9	ACENAPHTHENE	
78B	120-12-7	ANTHRACENE	
72B	56-55-3	BENZO(A)ANTHRACENE	
74B	205-99-2	BENZO(B)FLUORANTHENE	
	207-08-9	BENZO(K)FLUORANTHENE	
75B	191-24-2	BENZO(G,H,I)PERYLENE	
73B	50-32-8	BENZO(A)PYRENE	
76B	218-01-9	CHRYSENE	
82B	53-70-3	DIBENZO(A,H)ANTHRACENE	
37B	206-14-0	FLUORANTHENE	
80B	86-73-7	FLUORENE	
83B	193-39-5	INDENO(1,2,3-CD)PYRENE	
55B	91-20-3	NAPHTHALENE	
	91-57-6	2-METHYLNAPHTHALENE	
81B	85-01-8	PHENANTHRENE	
84B	129-00-0	PYRENE	
27B	106-46-7	1,4-DICHLOROBENZENE	
8B	120-82-1	1,2,4-TRICHLOROBENZENE	
9B	118-74-1	HEXACHLOROBENZENE	
36B	606-20-2	2,6-DINITROTOLUENE	
35B	121-14-2	2,4-DINITROTOLUENE	
63B	621-64-7	N-NITROSODIETHYLAMINE	
62B	86-30-6	N-NITROSODIPHENYLAMINE	
	62-53-3	ANILINE	
	88-74-4	2-NITROANILINE	
	99-09-2	3-NITROANILINE	
	100-01-6	4-NITROANILINE	
	106-47-8	4-CHLOROANILINE	

NOTES : D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 (I) = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301767

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:	DEPTH:	UNITS:	DATE SAMPLED:	DESCRIPTION:	ANALYST:	DATE:	LABORATORY:
SM0309-1(-1)M	8-9.5'	BNA'S NA	08/18/88	SURFACE	BNA'S NA	08/18/88	SB0504-1(1)
SM0400-1(4)	2-3'	BNA'S NA	08/18/88	SURFACE	BNA'S NA	08/18/88	SM0500-1(8)
SM0402-1(2)	6-6.5'	UM/TUP	08/18/88	20	UM/TUP	08/18/88	SM0406-1(-2)
SM0406-1(-2)	6-6.5'	BNA'S NA	08/18/88	6-6.5'	BNA'S NA	08/18/88	SM0406-1(-2)M
SM0406-1(-2)M	6-6.5'	BNA'S NA	08/18/88	6-6.5'	BNA'S NA	08/18/88	SM0406-1(-2)M

- 188 111-44-4 BIS(2-CHLOROETHYL)ETHER
- 428 39628-32-9 BIS(2-CHLOROISOPROPYL)ETHER
- 418 101-55-3 4-BROMOPHENYL PHENYL ETHER
- 008 7005-72-3 4-CHLOROPHENYL PHENYL ETHER
- 538 77-47-4 HEXACHLOROCYCLOPENTADIENE
- 288 91-94-1 3,3'-DICHLOROBENZIDINE
- 65-85-0 BENZOIC ACID
- 100-51-6 BENZYL ALCOHOL
- 132-64-9 DIBENZOFURAN
- 128 67-72-1 HEXACHLOROTHANE

NOTES: B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE LCL THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 OJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301768

WHITTOYER SOIL MAKINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

S10308-1(-1)M S10400-1(1) S10402-1(2) S10406-1(-2) S10500-1(8) S10504-1(4)
R-9.5' SURFACE BNA'S NA BNA'S NA 6-6.5' SURFACE BNA'S NA 4-6'
BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA
08/18/88 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88

*** ACIDS ***

PP CAS NO COMPOUND

- 65A 108-95-2 PHENOL
- 106-44-5 4-METHYLPHENOL
- 95-95-4 2,4,5-TRICHLOROPHENOL
- 87-86-5 PENTACHLOROPHENOL
- 100-02-7 4-NITROPHENOL
- 51-28-5 2,4-DINITROPHENOL
- 534-52-1 4,6-DINITRO-2-METHYLPHENOL

UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR IMPRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
I) = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301769

WATKINSON SOIL BORINGS

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB0308-11-11M SB0400-111J SB0402-112 SB0406-11-2 SB0408-11-2M SB0500-11B SB0504-114
 0-9.5' SURFACE 2-4' 6-6.5' 6-6.5' SURFACE 4-6'
 P/P NA
 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
	319-84-6	ALPHA-BHC
92P	50-29-3	4,4'-DDT
93P	72-55-9	4,4'-DDE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION LIMIT MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 OJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE ON I / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGH

AR301770

WHITHOVER SOIL MONITORING

SAMPLE NUMBER:
 X MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB0308-1(-1)M SB0400-1(4) SB0402-1(2) SB0406-1(-2) SB0406-1(-2)M SB0500-1(8) SB0504-1(4)
 8-9.5' SURFACE 2-4' 6-6.5' 6-6.5' 6-6.5' SURFACE 4-6'
 16.2 9.4 15.3 23.0 19.6 12.8 17.3
 UM/TUP UM/TUP UM/TUP UM/TUP UM/TUP UM/TUP UM/TUP
 MG/KG MG/KG MG/KG MG/KG MG/KG MG/KG MG/KG
 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88

*** INORGANICS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	23	24
		ALUMINUM	12000																						
		ANTIMONY	UL																						
		ARSENIC	1210L																						
		BARION	138																						
		BERYLLIUM	[1.1]																						
		CADMIUM	ND																						
		CALCIUM	13700																						
		CHROMIUM	26.7K																						
		CORAL	23.3																						
		COPPER	29.5																						
		IRON	46900																						
		LEAD	46																						
		MAGNESIUM	10100																						
		MANGANESE	3000																						
		MERCURY	ND																						
		NICKEL	35.8																						
		POTASSIUM	[1090]																						
		SELENIUM	UL																						
		SILVER	ND																						
		SODIUM	124.61B																						
		THALLIUM	[0.6]B																						
		VANADIUM	27.3																						
		ZINC	72.5J																						
		CYANIDE	ND																						

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 [] = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 * = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301771

WHITWYER SOIL MININGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB0108-1(-1)M	SB0100-1(1)	SB0102-1(2)	SB0106-1(-2)	SB0106-1(-2)M	SB0500-1(8)	SB0504-1(1)
NA	NA	NA	NA	NA	NA	NA
08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88

*** GEOCHEMICAL PARAMETERS ***

PP. CAS NO. COMPOUND

pH
POTENTIAL (MV)
CATION EXCHANGE CAPACITY (meq/100g)
SOLID, TOTAL

AR301772

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SR1510-11-2) 10-12' VIA'S NA 08/18/88 08/18/88 08/18/88 08/18/88
UN/THIP UG/KG
SR0510-11-2)H SB0600-1 SURFACE VIA'S NA 08/18/88 08/18/88
17 UG/KG
SR0604-1 4-5' GRUMBINE UG/KG
11 08/18/88 08/18/88
SB0604-1M 4-5.5' VIA'S NA 08/18/88 08/18/88
SR0700-1 SURFACE VIA'S NA 08/18/88 08/18/88
1-2' GRUMBINE UG/KG
14 08/18/88 08/18/88

*** VOLATILES ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	31B R	31B R	11B R	6B R
67-64-1		ACETONE				
78-93-3		2-BUTANONE				
591-78-6		2-HEXANONE				
108-10-1		4-METHYL-2-PENTANONE				
71-43-2		BENZENE				
66V 108-88-3		TOLUENE				
38V 100-41-4		ETHYLBENZENE				
95-47-6		TOTAL XYLENES				
100-42-5		STYRENE				
108-90-7		CHLOROBENZENE				
15V 79-34-5		1,1,2,2-TETRACHLOROETHANE				
11V 71-55-6		1,1,1-TRICHLOROETHANE				
14V 79-00-5		1,1,2-TRICHLOROETHANE				
10V 75-34-3		1,1-DICHLOROETHANE				
10V 107-06-2		1,2-DICHLOROETHANE				
16V 75-00-3		CHLOROETHANE				
85V 127-18-4		TETRACHLOROETHENE				
87V 79-01-6		TRICHLOROETHENE				
30V 156-60-5		TOTAL-1,2-DICHLOROETHENE				
29V 75-35-4		1,1-DICHLOROETHENE				
88V 75-01-4		VINYL CHLORIDE				
6V 56-23-5		CARBON TETRACHLORIDE				
23V 67-66-3		CHLOROFORM				
44V 75-09-2		METHYLENE CHLORIDE				
45V 74-87-3		CHLOROMETHANE				
32V 78-87-5		1,2-DICHLOROPROPANE				
33VT 10081-02-6		TRANS-1,3-DICHLOROPROPENE				
33VC 10081-01-5		CIS-1,3-DICHLOROPROPENE				
47V 75-25-2		BROMOFORM				
46V 74-83-9		BROMOMETHANE				
48V 75-27-4		BROMODICHLOROMETHANE				
51V 124-48-1		DIBROMODICHLOROMETHANE				
75-15-0		CARBON DISULFIDE				

AR301773

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
K = ANALYTE PRESENT. AS VALUES APPROACH THE IOL. THE QUANTITATION MAY NOT BE ACCURATE
L = ANALYTE PRESENT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.
R = UNRELIABLE RESULT. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER
UJ = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOYER SOIL BORINGS

SAMPLE NUMBER: & MOISTURE: DEPTH: DESCRIPTION: UNITS: DATE SAMPLED:	SB0510-11(-2) 10-12' 17 UN/TUP UG/KG 08/18/89	SB0510-11(-2)M 10-12' VIA'S NA 08/18/89	SB0600-1 SURFACE VIA'S NA 08/18/89	SB0604-1 4-5' 11 CRUMBLINE UG/KG 08/18/89	SB0604-1M 4-5.5' VIA'S NA 08/18/89	SB0700-1 SURFACE VIA'S NA 08/18/89	SB0701-1 1-2' 14 CRUMBLINE UG/KG 08/18/89
--	--	--	---	--	---	---	--

108-06-4 VINYL ACETATE

NOTES :
 B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRESENT
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE VALUE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR I / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301774

WHITWOYER SOIL DRUMMINGS

SAMPLE NUMBER: SB0510-1(-2) SB0510-1(-2)M SB0600-1 SB0604-1M SB0604-1 SB0700-1 SB0701-1
 % MOISTURE: 10-12% 10-12% SURFACE SURFACE SURFACE SURFACE SURFACE SURFACE
 DEPTH: BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA
 DESCRIPTION: UN/TUP GRUMBINE GRUMBINE GRUMBINE GRUMBINE GRUMBINE
 UNITS: UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
 DATE SAMPLED: 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88

*** BASE/NEUTRALS ***

PP CAS NO COMPOUND

94J

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
67B	85-68-7	BUTYL BENZYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
1B	83-32-9	ACETAPHTHENE
78B	120-12-7	ANTHRACENE
72B	56-55-3	BENZO(A)ANTHRACENE
74B	205-99-2	BENZO(B)FLUORANTHENE
	207-08-9	BENZO(K)FLUORANTHENE
79B	191-24-2	BENZO(G,H,I)PERYLENE
73B	50-32-8	BENZO(A)PYRENE
76B	218-01-9	CHRYSENE
62B	53-70-3	DIBENZO(A,H)ANTHRACENE
39B	206-44-0	FLUORANTHENE
60B	86-73-7	FLUKORENE
63B	193-39-5	INDENO(1,2,3-CD)PYRENE
55B	91-20-3	NAPHTHALENE
	91-57-6	2-METHYLNAPHTHALENE
81B	85-01-8	PERANTHRENE
84B	129-00-0	PYRENE
27B	106-46-7	1,4-DICHLOROBENZENE
8B	120-82-1	1,2,4-TRICHLOROBENZENE
9B	118-74-1	HEXACHLOROBENZENE
36B	608-20-2	2,6-DINITROTOLUENE
35B	121-14-2	2,4-DINITROTOLUENE
63B	621-64-7	N-NITROSODIPROPYLAMINE
62B	86-30-6	N-NITROSODIPHENYLAMINE
	62-53-3	ANILINE
88	88-74-4	2-NITROANILINE
99	99-09-2	3-NITROANILINE
100	100-01-6	4-NITROANILINE
106	106-47-8	4-CHLORANILINE

- NOTES :
- D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 - J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 - K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / I - ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 - LI = ANALYTE PRESENT. AS VALUES APPROXIMATE THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 - R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 - UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301775

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB0510-11(-2) SB0510-11(-2)M SB0600-1 SB0604-1 SB0604-1M SB0700-1 SB0701-1
 10-12' 10-12' SURFACE 4-5' 4-5.5' SURFACE 1-2'
 UN/TUP BMA'S NA BMA'S NA BMA'S NA BMA'S NA
 UC/KG UC/KG UC/KG UC/KG UC/KG
 09/18/88 09/18/89 09/18/89 09/18/89 09/18/89 09/18/89

- 188 111-44-4 BIS(2-CHLOROETHYL)ETHER
- 428 39638-32-9 BIS(2-CHLOROISOPROPYL)ETHER
- 418 101-55-3 4-BROMOPHENYL PHENYL ETHER
- 009 7005-72-3 4-CHLOROPHENYL PHENYL ETHER
- 538 77-47-4 HEXACHLOROCYCLOPENTADIENE
- 288 91-94-1 3,3'-DICHLOROBENZIDINE
- 65-85-0 BENZOIC ACID
- 100-51-6 BENZYL ALCOHOL
- 132-64-9 DIBENZOFLUORAN
- 128 67-72-1 HEXACHLOROETHANE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN VPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

WHITNEY SOIL MINIMS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SR0510-11(-2) SR0510-11(-2)M SR0600-1 SR0604-1M SR0700-1 SR0701-1
10-12' 10-12' SURFACE SURFACE SURFACE 1-2'
22 BNA'S NA BNA'S NA BNA'S NA 15
UM/TP UG/KG UG/KG UG/KG UG/KG
08/18/88 08/18/88 08/18/88 08/18/88 08/18/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	106-48-5	4-METHYLPHENOL
	95-95-4	2,4,5-TRICHLOROPHENOL
64A	87-86-5	PENTACHLOROPHENOL
58A	100-02-7	4-NITROPHENOL
59A	51-28-5	2,4-DINITROPHENOL
60A	534-52-1	4,6-DINITRO-2-METHYLPHENOL

UJ
UJ

UJ
UJ

NOTES :
D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
I1 = ANALYTE PRESENT. AS VALUES APPROACH THE IUL THE QUANTITATION MAY NOT BE ACCURATE
R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOYER SOIL BURINGS

SAMPLE NUMBER:	SB0510-1(-2)	SB0510-1(-2)M	SB0600-1	SB0604-1	SB0604-1M	SB0700-1	SB0701-1
% MOISTURE:	10-12°	10-12°	SURFACE	4-5°	4-5.5°	SURFACE	1-2°
DEPTH:	P/P NA	P/P NA	P/P NA	P/P NA	P/P NA	P/P NA	P/P NA
DESCRIPTION:	UM/TUP			CRUMBINE			CRUMBINE
UNITS:	UG/KG			UG/KG			UG/KG
DATE SAMPLED:	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/18/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
319-84-6		ALPHA-BHC
92P 50-29-3		4,4'-DDT
93P 72-55-9		4,4'-DDE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE TUL THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT
 O = NOT DETECTED, QUANTITATION LIMIT MAY BE INAPPROPRIATE USE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301778

WHITTOYER SOIL BORINGS

SAMPLE NUMBER: SB0701-1 SB0700-1 SB0604-1M SB0604-1 SB0600-1 SB0510-1(-2) SB0510-1(-2) SB0510-1(-2)
 % MOISTURE: 1-2' SURFACE 4-5.5' 4-5' 4-5' SURFACE 10-12' SURFACE 10-12'
 DEPTH: 15.2 12.3 13.0 13.4 11.6 24.7 28.2
 DESCRIPTION: GRUMBINE GRUMBINE GRUMBINE GRUMBINE GRUMBINE UN/TUP UN/TUP UN/TUP
 UNITS: MG/KG MG/KG MG/KG MG/KG MG/KG MI/KG MI/KG MI/KG
 DATE SAMPLED: 09/18/88 09/18/88 09/18/88 09/18/88 09/18/88 09/18/88 09/18/88

*** INORGANICS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	SB0510-1(-2)	SB0510-1(-2)	SB0604-1	SB0604-1M	SB0700-1	SB0701-1
1	13800	ALUMINUM	48100	48100	29700	26700	24900	41600
2	UL	ANTIMONY						UL
3	3641	ARSENIC						9.1L
4	(46.6)	BARUM						55.6
5	(0.89)	BERYLLIUM						(0.75)
6	ND	CADMIUM						ND
7	21600	CALCIUM						1890
8	23.5K	CHROMIUM						29.6K
9	21.9	COBALT						16.0
10	41.6	COPPER						21.0
11	48400	IRON						17.1
12	18.1	LEAD						3670
13	5260	MAGNESIUM						908
14	1890	MANGANESE						ND
15	0.19	MERCURY						34.8
16	36.4	NICKEL						1480
17	(1040)	POTASSIUM						UL
18	UL	SELENIUM						ND
19	ND	SILVER						(28.0)B
20	(66.6)B	SODIUM						10.49)B
21	(0.54)B	THALLIUM						45.6
22	21.8	VANADIUM						49.5J
23	65.3J	ZINC						ND
24	ND	CYANIDE						

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 () = ANALYTE PRESENT. AS VALUES APPROACH THE LHL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 () = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301779

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB0510-1(-2) NA SB0510-1(-2)M SB0600-1 NA SB0604-1 SB0604-1M SB0700-1 NA SB0701-1
08/18/88 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

pH
POTENTIAL (MV)
CATION EXCHANGE CAPACITY (meq/100g)
SOLID, TOTAL

AR301780

WHITVOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SR0701-1M 1-2' VOA'S NA 08/18/88
SR0800-1(12) SURFACE VOA'S NA 08/18/88
SR0804-1(8) 4' VOA'S NA 08/18/88
SR0811-1(1) 11-14' VOA'S NA 08/18/88
SR0900-1 SURFACE VOA'S NA 08/23/88
SR0901-1 1-2' VOA'S NA 08/23/88

*** VOLATILES ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND
67-64-1		ACETONE
78-93-3		2-BUTANONE
591-78-6		2-HEXANONE
108-10-1		4-METHYL-2-PENTANONE
71-43-2		BENZENE
84V 108-68-3		TOLUENE
38V 100-41-4		ETHYLBENZENE
95-47-6		TOTAL XYLENES
100-42-5		STYRENE
108-90-7		CHLOROBENZENE
15V 79-34-5		1,1,2-TETRACHLOROETHANE
11V 71-85-6		1,1,1-TRICHLOROETHANE
14V 79-00-5		1,1,2-TRICHLOROETHANE
10V 75-34-3		1,1-DICHLOROETHANE
10V 107-06-2		1,2-DICHLOROETHANE
16V 75-00-3		CHLOROETHANE
65V 127-18-4		TETRACHLOROETHENE
87V 79-01-6		TRICHLOROETHENE
30V 156-60-5		TOTAL-1,2-DICHLOROETHENE
29V 75-35-4		1,1-DICHLOROETHENE
88V 75-01-4		VINYL CHLORIDE
6V 56-23-5		CARBON TETRACHLORIDE
23V 67-66-3		CHLOROFORM
44V 75-09-2		METHYLENE CHLORIDE
45V 74-87-3		CHLOROMETHANE
32V 78-87-5		1,2-DICHLOROPROPANE
33VT 10081-02-6		TRANS-1,3-DICHLOROPROPENE
33VC 10081-01-6		CIS-1,3-DICHLOROPROPENE
47V 75-25-2		BROMOFORM
46V 74-83-9		BROMOMETHANE
48V 75-27-4		BROMODICHLOROMETHANE
51V 124-48-1		DIBROMOCHLOROMETHANE
75-15-0		CARBON DISULFIDE

77B
R

8B

AR301781

NOTES : R = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE I.D. THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 OJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOYER SOIL SAMPLINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SR0701-1M 1-2' VOA'S NA	SR0800-1(12) SURFACE VOA'S NA	SR0804-1(8) 4' VOA'S NA	SR0811-1(11) 11-14" 31 CRUMBINE UG/KG	SR0811-1(11)M 11-14" VOA'S NA	SR0900-1 SURFACE VOA'S NA	SR0901-1 1-2' VOA'S NA
08/18/88	08/18/88	08/18/88	08/18/88	08/18/88	08/23/88	08/23/88

108-05-4 VINYL ACETATE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR SE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301782

WHITMOYER SOIL BORINGS

SAMPLE NUMBER: SB0701-1M SB0800-1(12) SB0804-1(8) SB0811-1(1) SB0811-1(11) SB0900-1 SB0901-1
 % MOISTURE: 1-2' SURFACE BNA'S NA 4' BNA'S NA 11-14' BNA'S NA 11-14' BNA'S NA SURFACE 1-2'
 DEPTH: BNA'S NA
 DESCRIPTION: CRUMMINE
 UNITS: UG/KG
 DATE SAMPLED: 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88 08/23/88 08/23/88

*** BASE/NEUTRALS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND
668	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
688	84-74-2	DI-N-BUTYL PHTHALATE
708	84-66-2	DIETHYL PHTHALATE
678	85-68-7	BUTYL BENZYL PHTHALATE
718	131-11-3	DIMETHYL PHTHALATE
18	83-32-9	ACENAPHTHENE
788	120-12-7	ANTHRACENE
728	56-55-3	BENZOF(A)ANTHRACENE
748	205-99-2	BENZO(B)FLUORANTHENE
758	207-08-9	BENZO(K)FLUORANTHENE
738	191-24-2	BENZO(G,H,I)PERYLENE
738	50-32-8	BENZOF(A)PYRENE
768	218-01-9	CHRYSENE
828	53-70-3	DIBENZO(A,H)ANTHRACENE
398	206-44-0	FLUORANTHENE
808	86-73-7	FLUORENE
838	193-39-5	INDENO(1,2,3-CD)PYRENE
558	91-20-3	NAFTHALENE
	91-57-6	2-METHYLNAPHTHALENE
818	85-01-8	PHENANTHRENE
818	129-00-0	PYRENE
278	106-46-7	1,4-DICHLOROBENZENE
88	120-82-1	1,2,4-TRICHLOROBENZENE
98	118-74-1	HEXACHLOROBENZENE
358	608-20-2	2,6-DINITROTOLUENE
358	121-14-2	2,4-DINITROTOLUENE
638	621-64-7	N-NITROSODIPROPYLAMINE
628	86-30-6	N-NITROSODIPHENYLAMINE
	62-53-3	ANILINE
88-74-4		2-NITROANILINE
59-09-2		3-NITROANILINE
100-01-6		4-NITROANILINE
106-47-8		4-CHLOROANILINE

130J

120J

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT, AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT, ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.
 UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR INPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301783

WHITNEY SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SW0701-1M
1-2'
BMA'S NA
08/18/88

SW0800-1(12)
SURFACE
BMA'S NA
08/18/88

SW0804-1(8)
4'
BMA'S NA
08/18/88

SW0811-1(1)
11-14'
33
CRUMBINE
UG/KG
08/18/88

SW0811-1(11M)
11-14'
BMA'S NA
08/18/88

SW0900-1
SURFACE
BMA'S NA
08/23/88

SW0901-1
1-2'
BMA'S NA
08/23/88

- 188 111-44-4 BIS(2-CHLOROETHYL) ETHER
- 428 39638-32-9 BIS(2-CHLOROISOPROPYL) ETHER
- 418 101-55-3 4-BROMOPHENYL PHENYL ETHER
- 008 7005-72-3 4-CHLOROPHENYL PHENYL ETHER
- 528 77-47-4 HEXACHLOROCYCLOPENTADIENE
- 288 91-94-1 3,3'-DICHLOROBENZIDINE
- 65-85-0 BENZOIC ACID
- 100-51-6 BENZYL ALCOHOL
- 132-64-9 DIBENZOFURAN
- 128 67-72-1 HEXACHLOROTHANE

UJ

NOTES :
 N = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT, REPORTED VALUE MAY NOT BE ACCURATE IN FIELD USE
 K = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED LOW
 I = ANALYTE PRESENT, AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 M = UNRELIABLE RESULT, ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR ()
 UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH ()

AR301784

WHITTOYER SOIL MIXINGS

SAMPLE NUMBER: SB0901-1 SB0900-1 SB0911-1(11) SB0911-1(11M) SB0900-1 SB0901-1
 & MOISTURE: 1-2° SURFACE 11-14° 11-14° 11-14° SURFACE 1-2°
 DEPTH: BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA
 DESCRIPTION: GRUMBINE
 UNITS: UG/KG
 DATE SAMPLED: 08/18/88 08/18/88 08/18/88 08/18/88 08/23/88 08/23/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	106-95-2	PHENOL
	106-44-5	4-METHYLPHENOL
	95-95-4	2,4,5-TRICHLOROPHENOL
64A	87-86-5	PENTACHLOROPHENOL
58A	100-02-7	4-NITROPHENOL
59A	51-28-5	2,4-DINITROPHENOL
60A	534-52-1	4,6-DINITRO-2-METHYLPHENOL

UJ

- NOTES :
- D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 - J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 - K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 - I) = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 - R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 - UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE (W/ INTERLUSE) / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITNEY SOIL BORINGS

SAMPLE NUMBER: SB0701-1A SB0900-1(12) SB0904-1(8) SB0911-1(1) SB0911-1(1) SB0900-1 SB0901-1
 % MOISTURE: 1-2 SURFACE 4° P/P NA 11-14° P/P NA SURFACE 1-2
 DEPTH: P/P NA P/P NA P/P NA P/P NA P/P NA P/P NA
 DESCRIPTION: CRUMBLINE
 UNITS: UG/KG
 DATE SAMPLED: 08/18/89 08/18/89 08/18/89 09/18/89 09/18/89 09/23/89 09/23/89

*** PESTICIDES ***

PP CAS NO COMPOUND
 319-84-6 ALPHA-BHC
 92P 50-29-3 4,4'-DDT
 93P 72-55-9 4,4'-DDE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN FILE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE ON FILE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301786

WHITNEY SOIL BORINGS

SAMPLE NUMBER: SB0701-1H SB0900-1(12) SB0904-1(8) SB0811-1(11) SB0811-1(11) SB0900-1 SB0901-1
 % MOISTURE: 1-2' SURFACE 9.8 GRUBBINE 4' SURFACE 11-14' SURFACE 11-14' SURFACE 1-2'
 DEPTH: 15.9 16.6 16.6 30.0 31.1 16.8 18.0
 DESCRIPTION: GRUBBINE GRUBBINE GRUBBINE GRUBBINE GRUBBINE STERLING DR STERLING DR
 UNITS: MG/KG MG/KG MG/KG MG/KG MG/KG MG/KG MG/KG
 DATE SAMPLED: 08/18/88 08/18/88 08/18/88 08/18/88 08/18/88 08/23/88 08/23/88

*** INORGANICS ***

PP	CAS NO	COMPOUND	19800	59501	169.0	1.5	1.5	63400	28.6K	24.6	39.4	39.3	23200	2250	146.0	2240	UL	MD	1121B	4.7	40.0	144.0J	MD	
1		ALUMINUM																						
2		ANTIMONY																						
3		ARSENIC																						
4		BARIUM																						
5		BERYLLIUM																						
6		CADMIUM																						
7		CALCIUM																						
8		CHROMIUM																						
9		COBALT																						
10		COPPER																						
11		IRON																						
12		LEAD																						
13		MAGNESIUM																						
14		MANGANESE																						
15		MERCURY																						
16		NICKEL																						
17		POTASSIUM																						
18		SELENIUM																						
19		SILVER																						
20		SODIUM																						
21		THALLIUM																						
22		VANADIUM																						
23		ZINC																						
24		CYANIDE																						

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
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 I = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:	% MOISTURE:	DEPTH:	DESCRIPTION:	UNITS:	DATE SAMPLED:
SB0701-1M	NA	NA	NA	NA	09/18/98
SB0800-1(12)	NA	NA	NA	NA	09/18/98
SB0804-1(8)	NA	NA	NA	NA	08/18/98
SB0811-1(11)	NA	NA	NA	NA	08/18/98
SB0911-1(11M)	NA	NA	NA	NA	09/23/98
SB0900-1	NA	NA	NA	NA	09/23/98
SB0901-1	NA	NA	NA	NA	09/23/98

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

pH
 POTENTIAL (MV)
 CATION EXCHANGE CAPACITY (meq/100g)
 SOLID, TOTAL

MULTIHOVER SOIL BORINGS

SAMPLE NUMBER: & MOISTURE: DEPTH: DESCRIPTION: UNITS: DATE SAMPLED:	SB1000-1 SURFACE VOA'S NA 08/23/88	SB1002-1 2-3' 16 STERLING DR UG/KG 08/23/88	SB1002-1M 2-4' VOA'S NA 08/23/88	SB1100-1 SURFACE VOA'S NA 08/23/88	SB1102-1 2-4' VOA'S NA 08/23/88	SB1106-1 6-8' VOA'S NA 08/23/88	SB1200-1(7.5) SURFACE VOA'S NA 08/23/88
--	---	--	---	---	--	--	--

*** VOLATILES ***

PP	CAS NO	COMPOUND	
67-64-1		ACETONE	10B
78-93-3		2-BUTANONE	R
591-78-6		2-METHANONE	
108-10-1		4-METHYL-2-PENTANONE	UJ
71-43-2		BENZENE	
108-88-3		TOLUENE	
100-41-4		ETHYLBENZENE	
95-47-6		TOTAL XYLENES	
100-42-5		STYRENE	
108-90-7		CHLOROBENZENE	
79-34-5		1,1,2,2-TETRACHLOROETHANE	
71-55-6		1,1,1-TRICHLOROETHANE	
79-00-5		1,1,2-TRICHLOROETHANE	
75-34-3		1,1-DICHLOROETHANE	
107-06-2		1,2-DICHLOROETHANE	
75-00-3		CHLOROETHANE	UJ
127-18-4		TETRACHLOROETHENE	UJ
79-01-6		TRICHLOROETHENE	
156-60-5		TOTAL-1,2-DICHLOROETHENE	
75-35-4		1,1-DICHLOROETHENE	
75-01-4		VINYL CHLORIDE	
56-23-5		CARBON TETRACHLORIDE	
67-66-3		CHLOROFORM	
75-09-2		METHYLENE CHLORIDE	
74-87-3		CHLOROMETHANE	
78-87-5		1,2-DICHLOROPROPANE	
10061-02-6		TRANS-1,3-DICHLOROPROPENE	
10061-01-5		CIS-1,3-DICHLOROPROPENE	
75-25-2		BROMOFORM	
74-83-9		BROMOMETHANE	
75-27-4		BROMODICHLOROMETHANE	
124-48-1		DIBROMOCHLOROMETHANE	
75-15-0		CARBON DISULFIDE	

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IJL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301789

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB1000-1 SURFAT VDA'S NA	SB1002-1 2-4' 16 STERLING DR UG/NG	SU1002-1M 2-4' VDA'S NA	SB1100-1 SURFAT VDA'S NA	SB1102-1 2-4' VDA'S NA	SB1106-1 6-8' VDA'S NA	SB1200-1(7.5) SURFAT VDA'S NA
08/23/88	08/23/88	08/23/88	08/23/88	08/23/88	08/23/88	08/23/88

108-05-4 VINYL ACETATE

AR301790

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS.
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRETISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTIFICATION MAY NOT BE ACCURATE
 M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR / UJ = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SRI000-1 SURFAC' BNA'S NA 08/23/88
 SB1002-1 2-1' 1R STERLING DR UG/KG 08/23/88
 SB1002-1M 2-4' BNA'S NA 08/23/88
 SB1100-1 SURFAC' BNA'S NA 08/23/88
 SB1102-1 2-4' BNA'S NA 08/23/88
 SB1106-1 6-8' BNA'S NA 08/23/88
 SBI200-1(7.5) SURFAC' BNA'S NA 08/23/88

*** BASE/NEUTRALS ***

PT	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
66B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
67B	85-68-7	BUTYL BENZYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
1B	83-32-9	ACENAPHTHENE
78B	120-12-7	ANTHRACENE
72B	56-55-3	BENZO(A)ANTHRACENE
74B	205-99-2	BENZO(B)FLUORANTHENE
207-08-9		BENZO(K)FLUORANTHENE
79B	191-24-2	BENZO(G,H,I)PERYLENE
73B	50-32-8	BENZO(A)PYRENE
76B	218-01-9	CHRYSENE
82B	53-70-3	DIBENZO(A,H)ANTHRACENE
39B	206-44-0	FLUORANTHENE
80B	86-73-7	FLUORENE
83B	193-39-5	INDENO(1,2,3-CD)PYRENE
55B	91-20-3	NAPHTHALENE
81B	85-01-6	PHENANTHRENE
84B	129-00-0	PYRENE
27B	106-46-7	1,4-DICHLOROBENZENE
8B	120-82-1	1,2,4-TRICHLOROBENZENE
9B	118-74-1	HEXACHLOROBENZENE
36B	606-20-2	2,6-DINITROTOLUENE
35B	121-14-2	2,4-DINITROTOLUENE
63B	621-64-7	N-NITROSODIPROPYLAMINE
62B	86-30-6	N-NITROSODIPHENYLAMINE
62-53-3		ANILINE
88-74-4		2-NITROANILINE
99-09-2		3-NITROANILINE
100-01-6		4-NITROANILINE
106-47-8		4-CHLOROANILINE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 || = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301791

WHITMOYER SOIL BLOWINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
UNITS:
DATE SAMPLED:

SB1000-1 SURFACE BWA'S NA 08/23/88
SB1002-1 2-4' STERLING DR UC/KC 08/23/88
SB1002-1M 2-4' BWA'S NA 08/23/88
SB1100-1 SURFACE BWA'S NA 08/23/88
SB1102-1 2-4' BWA'S NA 08/23/88
SB1106-1 6-8' BWA'S NA 08/23/88
SB1200-1(7.5) SURFACE BWA'S NA 08/23/88

- 189 111-44-4 BIS(2-CHLOROETHYL)ETHER
- 428 39638-32-9 BIS(2-CHLOROISOPROPYL)ETHER
- 418 101-55-3 4-BROMOPHENYL PHENYL ETHER
- 008 7005-72-3 4-CHLOROPHENYL PHENYL ETHER
- 538 77-47-4 HEXACHLOROCYCLOPENTADIENE
- 288 91-84-1 3,3'-DICHLOROBENZIDINE
- 66-85-0 BENZOIC ACID
- 100-51-6 BENZYL ALCOHOL
- 132-54-9 DIBENZOFURAN
- 128 67-72-1 HEXACHLOROCYCLOHEPTANE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
I1 = ANALYTE PRESENT. AS VALUES APPROACH THE IUL THE QUANTITATION MAY NOT BE ACCURATE
R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT
UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE ON THIS SAMPLE
UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301792

WHITNEY SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB1000-1
SURFACE
BNA'S NA
08/23/88

SB1002-1
2-4'
1B
STERLING DR
UG/KG
08/23/88

SB1002-1M
2-4'
BNA'S NA
08/23/88

SB1100-1
SURFACE
BNA'S NA
08/23/88

SB1102-1
2-4'
BNA'S NA
08/23/88

SB1106-1
6-8'
BNA'S NA
08/23/88

SB1200-1(7.5)
SURFACE
BNA'S NA
08/23/88

*** ACIDS ***

PP CAS NO COMPOUND

- 65A 106-95-2 PHENOL
- 106-44-5 4-METHYLPHENOL
- 95-95-4 2,4,5-TRICHLOROPHENOL
- 67A 87-86-5 PENTACHLOROPHENOL
- 59A 100-02-7 4-NITROPHENOL
- 59A 51-28-5 2,4-DINITROPHENOL
- 60A 534-52-1 4,6-DINITRO-2-METHYLPHENOL

UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 A = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I1 = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INAPPROPRIATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301793

WHITMOYER SOIL SAMPLINGS

SAMPLE NUMBER: Z MOISTURE: DEPTH: DESCRIPTION: UNITS: DATE SAMPLED:	SB1000-1 SURFACE P/P NA 08/23/88	SB1002-1 2-4" P/P NA STERLING DM UG/KG 08/23/88	SB1002-1M 2-4" P/P NA 08/23/88	SB1100-1 SURFACE P/P NA 08/23/88	SB1102-1 2-4" P/P NA 08/23/88	SB1106-1 6-8" P/P NA 08/23/88	SB1200-1(7.5) SURFACE P/P NA 08/23/88
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*** PESTICIDES ***

PP CAS NO COMPOUND

319-84-6	ALPHA-BHC
92P 50-29-3	4,4'-DDT
93P 72-55-9	4,4'-DDE

NOTES : U = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE LUL THE QUANTITATION MAY NOT BE ACCURATE
 M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IF
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR 1 / 5 / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301794

WHITNEY SOIL MARKINGS

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SH100-1 SURFACE 15.1 STERLING DR MG/KG 08/23/88
 SH102-1M 2-4' 17.0 STERLING DR MG/KG 08/23/88
 SH100-1 SURFACE 14.5 FAIRLANE AVE MG/KG 08/23/88
 SH102-1 2-4' 21.3 FAIRLANE AVE MG/KG 08/23/88
 SH106-1 6-8' 19.9 FAIRLANE AVE MG/KG 08/23/88
 SH1200-1(7.5) SURFACE 14.8 CHURCHINE MG/KG 08/23/88

*** INORGANICS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	SH100-1	SH102-1M	SH100-1	SH102-1	SH106-1	SH1200-1(7.5)
1	13900	ALUMINUM	24.3	17.3	19.7	12.8J	11.8	12.0
2	UL	ANTIMONY						
3	19	ARSENIC						
4	[41.3]	BARIUM						
5	3	BERYLLIUM						
6	ND	CADMIUM						
7	12200J	CALCIUM						
8	8.1B	CHROMIUM						
9	18.1	COBALT						
10	58.8	COPPER						
11	38200J	IRON	36900	27500	17500	4910	36900	23300
12	16.6K	LEAD						
13	9070J	MAGNESIUM						
14	661J	MANGANESE						
15	ND	MERCURY						
16	55.8	NICKEL						
17	2230	POTASSIUM						
18	UL	SELENIUM						
19	11.9JB	SILVER						
20	[71.3JB	SODIUM						
21	10.93J	THALLIUM						
22	32.7	VANADIUM						
23	40.4	ZINC						
24	ND	CYANIDE						

AR301795

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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 UJ = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOYER SOIL BORINGS

SAMPLE NUMBER: SB1000-1 SB1002-1 SB1002-1M SB1100-1 SB1102-1 SB1106-1 SB1200-1(7.5)
% MOISTURE: NA NA NA NA NA NA NA
DEPTH: NA NA NA NA NA NA NA
DESCRIPTION: NA NA NA NA NA NA NA
UNITS: NA NA NA NA NA NA NA
DATE SAMPLED: 08/23/88 08/23/88 08/23/88 08/23/88 08/23/88 08/23/88 08/23/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

pH
POTENTIAL (MV)
CATION EXCHANGE CAPACITY (meq/100g)
SOLID, TOTAL

WHITMOYER SOIL HAWKINGS

SAMPLE NUMBER: SBI204-1(3.5) SBI206-1(1.5) SBI300-1(8) SBI306-1(12) SBI308-1(10) SBI308-1(10)M SBI400-1
 X MOISTURE: 4-6' 6-8' 6-8' 6-8' 8-9.75' 8-9.75' SURFACE SURFACE SURFACE
 DEPTH: VOA'S NA
 DESCRIPTION: CHEIDER
 UNITS: UG/KG
 DATE SAMPLED: 08/23/88 08/23/88 08/23/88 08/23/88 08/23/88 08/23/88 08/24/88

*** VOLATILES ***

PP	CAS NO	COMPOUND	15B	10R	UJ
67-64-1		ACETONE			
78-93-3		2-BUTANONE	R		
591-78-6		2-HEXANONE			
108-10-1		4-METHYL-2-PENTANONE			
4V 71-43-2		BENZENE	UJ		
86V 108-88-3		TOLUENE			
38V 100-41-4		ETHYLBENZENE			
95-47-6		TOTAL XYLENES			
100-42-5		STYRENE			
7V 108-90-7		CHLOROBENZENE			
15V 79-34-5		1,1,2,2-TETRACHLOROETHANE			
11V 71-55-6		1,1,1-TRICHLOROETHANE			
14V 79-00-5		1,1,2-TRICHLOROETHANE			
10V 75-34-3		1,1-DICHLOROETHANE			
10V 101-06-2		1,2-DICHLOROETHANE			
16V 75-00-3		CHLOROETHANE			
85V 127-18-4		TETRACHLOROETHENE	UJ		
87V 79-01-6		TRICHLOROETHENE	UJ		
30V 156-60-5		TOTAL-1,2-DICHLOROETHENE			
29V 75-35-4		1,1-DICHLOROETHENE			
88V 75-01-4		VINYL CHLORIDE			
6V 56-23-5		CARBON TETRACHLORIDE			
23V 67-66-3		CHLOROFORM			
44V 75-09-2		METHYLENE CHLORIDE			
45V 74-87-3		CHLOROMETHANE			
32V 78-87-5		1,2-DICHLOROPROPANE			
33VT 10061-02-6		TRANS-1,3-DITHIOLPROPENE			
33VC 10061-01-5		CIS-1,3-DICHLOROPROPENE			
447V 75-25-2		BROMOFORM			
46V 74-83-9		BROMOMETHANE			
48V 75-27-4		BROMODICHLOROMETHANE			
51V 124-48-1		DIBROMOCHLOROMETHANE			
75-15-0		CARBON DISULFIDE			

AR301797

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE IRL, THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOYER SOIL BARINGS

SAMPLE NUMBER:
 X MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB1204-1(3.5) 4-6' VDA'S NA	SB1206-1(1.5) 6-8' VDA'S NA	SB1300-1(8) SURFACE VDA'S NA	SB1306-1(2) 6-8' VDA'S NA	SB1308-1(10) 8-9.75' 26 CMEIDER UG/KG	SB1308-1(10)M 8-9.75' VDA'S NA	SB1400-1 SURFACE VDA'S NA
08/23/88	08/23/88	08/23/88	08/23/88	08/23/88	08/23/88	08/24/88

108-05-4 VINYL ACETATE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITY MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR I / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGH

AR301798

MILITARY SOIL MIXINGS

SAMPLE NUMBER:	SBI204-1(3.5)	SBI206-1(1.5)	SBI300-1(8)	SBI306-1(2)	SBI308-1(0)	SBI400-1
X MOISTURE:	4-6'	6-8'	6-8'	6-8'	8-9.75'	8-9.75'
DEPTH:	INA'S NA	INA'S NA	INA'S NA	INA'S NA	INA'S NA	INA'S NA
DESCRIPTION:					CREIDER	
UNITS:					UG/KG	
DATE SAMPLED:	08/23/88	08/23/88	08/23/88	08/23/88	08/23/88	08/24/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND	99J	360J
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE		
68B	84-74-2	DI-N-BUTYL PHTHALATE		
70B	84-66-2	DIETHYL PHTHALATE		
67B	95-69-7	BUTYL BENZYL PHTHALATE		
71B	131-11-3	DIMETHYL PHTHALATE		
1B	83-32-9	ACENAPHTHENE		
70B	120-12-7	ANTHRACENE		
72B	56-55-3	BENZ(1)ANTHRACENE		
74B	205-99-2	BENZ(1,8)FLUORANTHENE		
79B	191-24-2	BENZ(1,2,3,4)FLUORANTHENE		
73B	50-32-8	BENZ(1,2,3,4)PYRENE		
76B	218-01-9	CHRYSENE		
82B	53-70-3	DIBENZ(1,2,3,4)ANTHRACENE		
39B	206-44-0	FLUORANTHENE		
80B	86-73-7	FLUORENE		
83B	193-39-5	INDENO(1,2,3-CD)PYRENE		
55B	91-20-3	NAPHTHALENE		
91B	51-57-6	2-METHYLNAPHTHALENE		
81B	85-01-8	PHENANTHRENE		
84B	129-00-0	PYRENE		
27B	106-46-7	1,4-DICHLOROBENZENE		
8B	120-82-1	1,2,4-TRICHLOROBENZENE		
9B	118-74-1	HEXACHLOROBENZENE		
36B	606-20-2	2,6-DINITROTOLUENE		
35B	121-14-2	2,4-DINITROTOLUENE		
63B	621-64-7	N-NITROSO(1)PROPYLAMINE		
62B	86-30-6	N-NITROSO(1)PHENYLAMINE		
	62-53-3	ANILINE		
	88-74-4	2-NITROANILINE		
	99-09-2	3-NITROANILINE		
	100-01-6	4-NITROANILINE		
	106-47-8	1-CHLOROANILINE		

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IOL, THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301799

WHITMOYER SAIL MARKINGS

SAMPLE NUMBER: SH1201-1(13.5) SH1206-1(11.5) SH1300-1(8) SH1306-1(2) SH1308-1(0) SH1309-1(0)M SH1400-1
 % MOISTURE: 4-G. 6-H. SURFATE SURFATE SURFATE SURFATE SURFATE
 DEPTH: UNA'S NA UNA'S NA UNA'S NA UNA'S NA UNA'S NA UNA'S NA
 DESCRIPTION: 25 CREIDER
 UNITS: UG/KG
 DATE SAMPLED: 08/23/88 08/23/88 08/23/88 08/23/88 08/23/88 08/23/88

- 168 111-44-4 BIS(2-CHLOROETHYL)ETHER
- 428 39638-32-9 BIS(2-CHLOROISOPROPYL)ETHER
- 418 101-55-3 4-BROMOPHENYL PHENYL ETHER
- 008 7005-72-3 4-CHLOROPHENYL PHENYL ETHER
- 528 77-47-4 HEXACHLORO-CYCLOPENTADIENE
- 248 91-94-1 3,3'-DICHLOROBENZIDINE
- 65-85-0 BENZOIC ACID
- 100-51-6 BENZYL ALCOHOL
- 132-64-9 DIBENZOFURAN
- 128 67-72-1 HEXACHLOROETHANE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I I = ANALYTE PRESENT. AS VALUES APPROACH THE 100 THE QUANTITATION LIMIT MAY NOT BE ACCURATE
 B = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THIS SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INAPPROPRIATE IN THIS SAMPLE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

WILTMAYER SOIL MARKINGS

SAMPLE NUMBER: SR1204-1(3.5) SR1206-1(1.5) SR1300-1(8) SR1306-1(2) SR1308-1(0) SR1308-1(0) SR1400-1
 % MOISTURE: 6-8' SURFACE SURFACE 8-9.75' 8-9.75' SURFACE
 DEPTH: BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA
 DESCRIPTION: 25 CREIDER
 UNITS: UG/KG
 DATE SAMPLED: 08/23/88 08/23/88 08/23/88 08/23/88 08/23/88 08/24/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	106-44-5	4-METHYLPHENOL
	95-95-4	2,4,5-TRICHLOROPHENOL
64A	87-86-5	PENTACHLOROPHENOL
58A	100-02-7	4-NITROPHENOL
59A	51-28-5	2,4-DINITROPHENOL
60A	534-52-1	4,6-DINITRO-2-METHYLPHENOL

UJ

NOTES : R = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.
 A = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IJL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301801

WHITMAYER SOIL BURNINGS

SAMPLE NUMBER: SB1204-1(3.5) SB1206-1(1.5) SB1300-1(8) SB1306-1(2) SB1308-1(0) SB1309-1(0)M SB1400-1
 X MOISTURE: 4-6" SURFACE SURFACE 6-8" 8-9.75' 8-9.75' SURFACE
 DEPTH: P/P NA P/P NA P/P NA P/P NA P/P NA P/P NA
 DESCRIPTION: P/P NA P/P NA P/P NA CMEINER
 UNITS: UG/KG
 DATE SAMPLED: 08/23/88 08/23/88 08/23/88 08/23/88 08/23/88 08/23/88 08/24/88

*** PESTICIDES ***

PP CAS NO COMPOUND

319-84-6 ALPHA-BHC
 92P 50-29-3 4,4'-DDE
 93P 72-85-9 4,4'-DDE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRELIMINARY
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IOL / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

WUITMOYER SOIL. HININGS

SAMPLE NUMBER: SB1203-1(3.5) SB1206-1(1.5) SB1300-1(8) SB1306-1(2) SB1308-1(10) SB1308-1(10)M SB1400-1
% MOISTURE: NA
DEPTH: NA
DESCRIPTION: NA
UNITS: NA
DATE SAMPLED: 08/23/88 08/23/88 08/23/88 08/23/88 08/23/88 08/23/88 08/23/88 08/24/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

pH
POTENTIAL (MV)
CATION EXCHANGE CAPACITY (meq/100g)
SOLID, TOTAL

AR301804

WHITNEY SOIL BORINGS

SAMPLE NUMBER:	SBI102-1	SBI500-1(5)	SBI504-1(4)	SBI510-1(-5)	SBI600-1	SBI604-1	SBI700-1
X MOISTURE:	2-1'	SURFACE	4-6'	10-11.5'	SURFACE	4-6'	SURFACE
DEPTH:	VDA'S NA	VDA'S NA	VDA'S NA	VDA'S NA	VDA'S NA	BRUCKEYE CAN	VDA'S NA
DESCRIPTION:						UG/KG	UG/KG
UNITS:							
DATE SAMPLED:	08/24/88	08/24/88	08/24/88	08/24/88	08/24/88	08/24/88	08/24/88

*** VOLATILES ***

PP	CAS NO	COMPOUND	
67-64-1		ACETONE	
78-93-3		2-BUTANONE	
591-78-6		2-HEXANONE	
108-10-1		4-METHYL-2-PENTANONE	
4V 71-43-2		BENZENE	
86V 108-88-3		TOLUENE	
38V 100-41-4		ETHYLBENZENE	
95-47-6		TOTAL XYLENES	
100-42-5		STYRENE	
7V 108-90-7		CHLOROBERZENE	
15V 79-34-5		1,1,2,2-TETRACHLOROETHANE	
11V 71-55-6		1,1,1-TRICHLOROETHANE	
14V 79-00-5		1,1,2-TRICHLOROETHANE	
10V 75-34-3		1,1-DICHLOROETHANE	
10V 107-06-2		1,2-DICHLOROETHANE	
16V 75-00-3		CHLOROETHANE	
85V 127-18-4		TETRACHLOROETHENE	
87V 79-01-6		TRICHLOROETHENE	
30V 156-60-5		TOTAL-1,2-DICHLOROETHENE	
29V 75-35-1		1,1-DICHLOROETHENE	
88V 75-01-4		VINYL CHLORIDE	
6V 56-23-5		CARBON TETRACHLORIDE	
23V 67-66-3		CHLOROFORM	
44V 75-09-2		METHYLENE CHLORIDE	
45V 74-87-3		CHLOROMETHANE	
32V 78-87-5		1,2-DICHLOROPROPANE	
33VT 10061-02-6		TRANS-1,3-DICHLOROPROPENE	
33VC 10061-01-5		CIS-1,3-DICHLOROPROPENE	
47V 75-25-2		BROMOFORM	
46V 74-83-9		BROMOMETHANE	
48V 75-27-4		BROMODICHLOROMETHANE	
51V 124-48-1		DIBROMOCHLOROMETHANE	
75-15-0		CARBON DISULFIDE	

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / I = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 L = ANALYTE PRESENT. AS VALUES APPROXIMATE THE IUL, THE QUANTITATION MAY NOT BE ACCURATE
 M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 N = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR INCREASE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SU1402-1 2-1' VQA'S NA	SU1500-1(5) SURFACE VQA'S NA	SU1504-1(4) 4-6' VQA'S NA	SU1510-1(-5) 10-11.5' VQA'S NA	SU1600-1 4-6' SURFACE VQA'S NA	SU1604-1 4-6' 1B BUCKEYE CAN UL/KG	SU1700-1 SURFACE VQA'S NA MAJOR FOODS UG/KG
08/24/88	08/24/88	08/24/88	08/24/88	08/24/88	08/24/88	08/24/88

108-05-4 VINYL ACETATE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LI = ANALYTE PRESENT. AS VALUES APPROACH THE LUL THE QUANTITATION MAY NOT BE ACCURATE
 U = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN AMULE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR SE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301806

WHITMOYER SOIL HIKINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SRI102-1
2-3'
BNA'S NA
08/24/88

SRI500-115
SURFACE
BNA'S NA
08/24/88

SRI504-114
4-6'
BNA'S NA
08/24/88

SRI510-11(-5)
10-11.5'
BNA'S NA
08/24/88

SRI600-1
SURFACE
BNA'S NA
08/24/88

SRI604-1
4-6'
14
BUCKEYE CAN
UG/KG
08/24/88

SD1700-1
SURFACE
16
MAJOR FOODS
UG/KG
08/24/88

*** BASE/NEUTRALS ***

PP CAS NO COMPOUND

66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	98J
68B	84-74-2	DI-N-BUTYL PHTHALATE	
70B	84-66-2	DIETHYL PHTHALATE	
67B	85-68-7	BUTYL BENZYL PHTHALATE	
71B	131-11-3	DIMETHYL PHTHALATE	
1B	83-32-9	ACENAPHTHENE	
78B	120-12-7	ANTHRACENE	86J
72B	56-55-3	BENZO(A)ANTHRACENE	420
74B	205-99-2	BENZO(B)FLUORANTHENE	410
	207-08-9	BENZO(K)FLUORANTHENE	470
79B	191-24-2	BENZO(G,H)PERYLENE	210J
73B	50-32-8	BENZO(A)PYRENE	370J
76B	210-01-9	CHRYSENE	440
82B	53-70-3	DIBENZO(A,H)ANTHRACENE	82J
39B	206-44-0	FLUORANTHENE	680
80B	86-73-7	FLUORENE	
83B	193-39-5	INDENO(1,2,3-CD)PYRENE	200J
55B	91-20-3	NAPHTHALENE	
	91-57-6	2-METHYLNAPHTHALENE	
81B	85-01-8	PHENANTHRENE	400
84B	129-00-0	PYRENE	630
27B	106-46-7	1,4-DICHLOROBENZENE	
8B	120-82-1	1,2,4-TRICHLOROBENZENE	
9B	118-74-1	HEXACHLOROBENZENE	
36B	606-20-2	2,6-DINITROTOLUENE	
35B	121-14-2	2,4-DINITROTOLUENE	
63B	621-64-7	N-NITROSODIPROPYLAMINE	
62B	86-30-6	N-NITROSODIPHENYLAMINE	
	62-53-3	ANILINE	
88-74-4		2-NITROANILINE	
99-09-2		3-NITROANILINE	
100-01-6		4-NITROANILINS	
106-47-8		4-CHLORANILINE	

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 (I) = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 (U) = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301807

WHITMYER SOIL, INJINIS

SAMPLE NUMBER:
 X MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SBI102-1
 2-1'
 BNA'S NA
 08/24/88

SBI500-1(5)
 SURFACE
 BNA'S NA
 08/24/88

SBI504-1(4)
 4-6'
 BNA'S NA
 08/24/88

SB1510-1(-5)
 10-11.5'
 BNA'S NA
 08/24/88

SH1600-1
 SURFACE
 BNA'S NA
 08/24/88

SH1604-1
 4-6'
 14
 BUCKEYE CAN
 UG/KC
 08/24/88

SB1700-1
 SURFACE
 16
 MAJOR FOODS
 UG/KG
 08/24/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	106-95-2	PHENOL
	106-44-5	4-METHYLPHENOL
	95-95-4	2,4,6-TRICHLOROPHENOL
64A	87-86-5	PENTACHLOROPHENOL
58A	100-02-7	4-NITROPHENOL
59A	51-28-5	2,4-DINITROPHENOL
60A	534-52-1	4,6-DINITRO-2-METHYLPHENOL

UJ UJ

NOTES :
 0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I) = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301809

WHITMOVER SOIL SAMPLING

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SH1102-1 2-4' P/P NA 08/21/88	SB1500-1(5) SURFACE P/P NA 08/21/88	SB1504-1(4) 4-6' P/P NA 08/21/88	SB1510-1(5) 10-11.5' P/P NA 08/21/88	SH1000-1 SURFACE P/P NA 08/21/88	SH1601-1 1-6' P/P NA HUCKEYE CAN UC/KC 08/21/88	SH1700-1 SURFACE P/P NA MAJUM FOODS UC/KC 08/21/88
--	--	---	---	---	--	---

*** PESTICIDES ***

PP CAS NO COMPOUND

319-84-6 ALPHA-BHC
92P 50-29-3 4,4'-DDE
93P 72-55-9 4,4'-DDE

NOTES :
B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT, REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED LOW
II = ANALYTE PRESENT, AS VALUES APPROACH THE IDL THE QUANTITY MAY NOT BE ACCURATE
UJ = UNRELIABLE RESULT, ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR UNRELIABLE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301810

WHITMOYER SOIL SAMPLING

SAMPLE NUMBER: SB1402-1 SB1500-1(5) SU1504-1(4) SB1510-1(-5) SB1600-1 SB1604-1 SB1700-1
% MOISTURE: NA
DEPTH: NA
DESCRIPTION: NA
UNITS: NA
DATE SAMPLED: 08/21/88 08/21/88 08/24/88 08/24/88 08/21/88 08/21/88 08/24/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

pH
POTENTIAL (MV)
CATION EXCHANGE CAPACITY (meq/100g)
SOLID, TOTAL

WHITMOYER SOIL RINGS

SAMPLE NUMBER: SR1702-1 SR1706-1 SB1800-1 SR1801-1 SR1900-1 SB2000-1(17) SB2004-1(13)
 & MOISTURE: 2-4' 6-8' 17
 DEPTH: VOA'S NA VOA'S NA VOA'S NA VOA'S NA SURFACE SURFACE SURFACE
 DESCRIPTION: MAJOR FOODS
 UNITS: NG/KG
 DATE SAMPLED: 08/24/88 08/24/88 08/24/88 08/24/88 08/24/88 08/24/88

*** VOLATILES ***

PP	CAS NO	COMPOUND	
67-64-1		ACETONE	
78-93-3		2-BUTANONE	RB
591-78-6		2-HEXANONE	R
108-10-1		4-METHYL-2-PENTANONE	
71-43-2		BENZENE	UJ
108-88-3		TOLUENE	
100-41-4		ETHYLBENZENE	
95-47-6		TOTAL XYLENES	
100-42-5		STYRENE	
108-90-7		CHLOROBENZENE	
79-34-5		1,1,2,2-TETRACHLOROETHANE	
111-55-6		1,1,1-TRICHLOROETHANE	
79-00-5		1,1,2-TRICHLOROETHANE	
75-34-3		1,1-DICHLOROETHANE	
107-06-2		1,2-DICHLOROETHANE	
75-00-3		CHLOROETHANE	UJ
127-18-4		TETRACHLOROETHENE	UJ
79-01-6		TRICHLOROETHENE	
156-60-5		TOTAL-1,2-DICHLOROETHENE	
75-35-4		1,1-DICHLOROETHENE	
75-01-4		VINYL CHLORIDE	
56-23-5		CARBON TETRACHLORIDE	
67-66-3		CHLOROFORM	
75-09-2		METHYLENE CHLORIDE	9B
74-87-3		CHLOROMETHANE	UJ
78-87-5		1,2-DICHLOROPROPANE	
10061-02-6		TRANS-1,3-DICHLOROPROPENE	
10081-01-5		CIS-1,3-DICHLOROPROPENE	
75-25-2		BROMOFORM	
74-83-9		BROMOMETHANE	UJ
75-27-4		BROMODICHLOROMETHANE	
124-48-1		DIBROMOCHLOROMETHANE	
75-15-0		CARBON DISULFIDE	

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE IOL, THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301813

WHITNEY SOIL BORINGS

SAMPLE NUMBER:
 X MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB1702-1 2-4' VIA'S NA	SB1706-1 G-8' 17 MAJOR FUNGUS UG/KG	SB1800-1 SURFACE VIA'S NA	SB1801-1 1-2' VIA'S NA	SB1940-1 SURFACE VIA'S NA	SD2000-1(17) SURFACE VIA'S NA	SU2004-1(3) 4-6' VIA'S NA
08/24/88	08/24/88	08/24/88	08/24/88	08/24/88	08/24/88	08/24/88

108-05-4 VINYL ACETATE

NOTES :

- B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LITERATURE OR FIELD BLANKS
- J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
- K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
- U = ANALYTE PRESENT. AS VALUES APPROACH THE LUL THE QUANTITATION MAY NOT BE ACCURATE
- M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
- UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR / UJ = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301814

WHITMOYER SOIL SAMPLING

SAMPLE NUMBER: SR1702-1 SR1706-1 SR1800-1 SR1801-1 SR2000-1(7) SR2001-1(3)
 X MIXTURE: 2-1' 6-H' 1-2' 1-2' 4-6'
 DEPTH: BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA
 DESCRIPTION: MAJOR FLOIDS
 UNITS: UG/KG
 DATE SAMPLED: 08/21/88 08/21/88 08/21/88 08/24/88 08/24/88 08/24/88

*** BASE/NEUTRALS ***

PT	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
67B	85-68-7	RYTIL BENZYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
1B	83-32-9	ACENAPHTHENE
78B	120-12-7	ANTHRACENE
72B	56-55-3	BENZO(A)ANTHRACENE
74B	205-99-2	BENZO(B)FLUORANTHENE
207-08-9		BENZO(K)FLUORANTHENE
79B	191-24-2	BENZO(G,H,I)PERYLENE
73B	50-32-8	BENZO(A)PYRENE
76B	218-01-9	CHRYSENE
82B	53-70-3	DIBENZO(A,H)ANTHRACENE
39B	206-44-0	FLUORANTHENE
80B	86-73-7	FLUORENE
83B	193-39-5	INDENO(1,2,3-CD)PYRENE
55B	91-20-3	NAPHTHALENE
91-57-6		2-METHYLNAPHTHALENE
81B	85-01-8	PHENANTHRENE
81B	129-00-0	PYRENE
27B	106-46-7	1,4-DICHLOROBENZENE
8B	120-82-1	1,2,4-TRICHLOROBENZENE
9B	118-74-1	HEXACHLOROBENZENE
36B	608-20-2	2,6-DINITROTOLUENE
35B	121-14-2	2,4-DINITROTOLUENE
63B	621-64-7	N-NITROSODIISOPROPYLAMINE
62B	86-30-6	N-NITROSODIPHENYLAMINE
62-53-3		ANILINE
88-74-4		2-NITROANILINE
99-09-2		3-NITROANILINE
100-01-6		4-NITROANILINE
106-47-8		4-CHLOROANILINE

AR301815

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT, REPORTED VALUE MAY NOT BE ACCURATE OR PRELIMINARY
 K = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED HIGH / I = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED LOW
 L = ANALYTE PRESENT, AS VALUES APPROXIMATE THE IHL THE QUANTITATION MAY NOT BE ACCURATE
 M = UNIDENTIFIED RESULT, ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 N = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR PRELIMINARY / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOYER SOIL BURNINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SD1702-1
2-4'
BWA'S NA
08/24/88

SD1706-1
6-8'
BWA'S NA
MAJUM FUMUS
UC/KC
08/24/88

SB1800-1
SURFACE
BWA'S NA
08/24/88

SB1801-1
1-2'
BWA'S NA
08/24/88

SB1900-1
SURFACE
BWA'S NA
08/24/88

SB2000-1(7)
SURFACE
BWA'S NA
08/24/88

SB2004-1(3)
4-6'
BWA'S NA
08/24/88

- 188 111-44-4 BIS(2-CHLOROETHYL)ETHER
- 428 39638-32-9 BIS(2-CHLOROISOPROPYL)ETHER
- 418 101-55-3 4-BROMOPHENYL PHENYL ETHER
- 008 7005-72-3 4-CHLOROPHENYL PHENYL ETHER
- 538 77-47-4 HEXACHLOROCYCLOPENTADIENE
- 288 91-94-1 3,3'-DICHLOROBENZIDINE
- 65-85-0 BENZOIC ACID
- 100-51-6 BENZYL ALCOHOL
- 132-64-9 DIBENZOFURAN
- 128 67-72-1 HEXACHLOROCYCLOHEPTANE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I1 = ANALYTE PRESENT. AS VALUES APPROACH THE IUL THE QUANTITATION LIMIT IS PROBABLY BICID
 K = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IUL / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY BICID

AR301816

WHITMYER SOIL SAMPLING

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SR1702-1
 2-1'
 BNA'S NA
 08/24/88

SR1706-1
 G-R'
 BNA'S NA
 MAJOR FOODS
 UG/KG
 08/24/88

SB1800-1
 SURFACE
 BNA'S NA
 08/24/88

SB1801-1
 1-2'
 BNA'S NA
 08/24/88

SB1900-1
 SURFACE
 BNA'S NA
 08/24/88

SB2000-1(17)
 SURFACE
 BNA'S NA
 08/24/88

SB2004-1(3)
 4-6'
 BNA'S NA
 08/24/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	106-44-5	4-METHYLPHENOL
	95-95-4	2,4,5-TRICHLOROPHENOL
64A	87-86-5	PENTACHLOROPHENOL
58A	100-02-7	4-NITROPHENOL
59A	51-28-5	2,4-DINITROPHENOL
60A	534-52-1	4,6-DINITRO-2-METHYLPHENOL

NOTES :
 D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE.
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I) = ANALYTE PRESENT. AS VALUES APPROACH THE IUL, THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301817

WHITMOYER SOIL MARKINGS

SAMPLE NUMBER:
 X MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB1702-1
 2-3'
 P/P NA
 08/23/88

SB1706-1
 6-8'
 P/P NA
 MAJUM FINKUS
 UG/KG
 08/24/88

SB1800-1
 SURFACE
 P/P NA
 08/24/88

SB1801-1
 1-2'
 P/P NA
 08/24/88

SB1900-1
 SURFACE
 P/P NA
 08/24/88

SB2000-1(7)
 SURFACE
 P/P NA
 08/24/88

SB2004-1(3)
 4-6'
 P/P NA
 08/24/88

*** PESTICIDES ***

PP CAS NO COMPOUND

319-84-6 ALPHA-BHC
 92P 50-29-3 4,4'-DUT
 93P 72-55-9 4,4'-DDE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 (I) = ANALYTE PRESENT. AS VALUES APPROACH THE IUL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 (U) = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IUL / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301818

MULTIPLYER SOIL MININGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SH1702-1
2-1'
16.2
MAJOR FOODS
MG/KG
08/23/88

SH1703-1
G-H
17.4
MAJOR FOODS
MG/KG
08/23/88

SH1800-1
SURFACE
17.9
MAJOR FOODS
MG/KG
08/24/88

SH1801-1
1-2'
14.5
MAJOR FOODS
MG/KG
08/24/88

SH1802-1
SURFACE
18.6
MAJOR FOODS
MG/KG
08/24/88

SH2003-1(3)
4-6'
17.9
FENCE/UN
MG/KG
08/24/88

*** INORGANICS ***

PT CAS NO COMPOUND

PT	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
5		BERYLLIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
15		MERCURY
16		NICKEL
17		POTASSIUM
18		SELENIUM
19		SILVER
20		SODIUM
21		THALLIUM
22		VANADIUM
23		ZINC
24		CYANIDE

20300		
UL		
12.5		
(37.7)		
3.2		
ND		
1890J		
16.2		
26.4		
25.9B		
41600J		
19.8K		
1850J		
489J		
ND		
29.2		
1350		
UL		
(1.61B)		
(1521B)		
(0.48)		
41		
39.1J		
NA		

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 (J) = ANALYTE PRESENT. AS VALUES APPROACH THE IIDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301819

WHITMOYER SOIL SAMPLINGS

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SD1702-1	SD1705-1	SD1800-1	SD1901-1	SD1900-1	SD2000-1(7)	SD2004-1(3)
NA	NA	NA	NA	NA	NA	NA
08/24/88	08/24/88	08/24/88	08/24/88	08/24/88	08/24/88	08/24/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

pH
 POTENTIAL (MV)
 CATION EXCHANGE CAPACITY (meq/100g)
 SOLID, TOTAL

WHITNEY SOIL BORINGS

SAMPLE NUMBER: SR200R-11-11 SR2100-11(7) SR2104-11(3) SR2200-11(6) SR2202-11(4) SR2206-11(0) SR2300-1
 % MOISTURE: 8-9.5% SURFACE VOA'S NA 4-6% VOA'S NA 2-1% SURFACE VOA'S NA 6-8% SURFACE
 DEPTH: VOA'S NA VOA'S NA VOA'S NA VOA'S NA VOA'S NA VOA'S NA
 DESCRIPTION: SURFACE SURFACE SURFACE SURFACE SURFACE SURFACE
 UNITS: VOA'S NA VOA'S NA VOA'S NA VOA'S NA VOA'S NA VOA'S NA
 DATE SAMPLED: 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
67-64-1		ACETONE
78-93-3		2-BUTANONE
591-78-6		2-HEXANONE
108-10-1		4-METHYL-2-PENTANONE
71-43-2		BENZENE
86V		TOLUENE
38V		ETHYLBENZENE
95-47-6		TOTAL XYLENES
100-42-5		STYRENE
108-90-7		CHLOROBENZENE
15V		1,1,2,2-TETRACHLOROETHANE
11V		1,1,1-TRICHLOROETHANE
14V		1,1,2-TRICHLOROETHANE
10V		1,1-DICHLOROETHANE
10V		1,2-DICHLOROETHANE
16V		CHLOROETHANE
85V		TETRACHLOROETHENE
87V		TRICHLOROETHENE
30V		TOTAL-1,2-DICHLOROETHENE
29V		1,1-DICHLOROETHENE
88V		VINYL CHLORIDE
6V		CANNON TETRACHLORIDE
23V		CHLOROFORM
44V		METHYLENE CHLORIDE
45V		CHLOROMETHANE
32V		1,2-DICHLOROPROPANE
33VT		TRANS-1,3-DICHLOROPROPENE
33VC		CIS-1,3-DICHLOROPROPENE
47V		BROMOFORM
46V		BROMOMETHANE
48V		BROMODICHLOROMETHANE
51V		DIBROMOCHLOROMETHANE
75-15-0		CARBON DISULFIDE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 OJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR INCREASE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301821

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:	SB2008-1(-1)	SB2100-1(7)	SB2104-1(3)	SB2200-1(6)	SB2202-1(4)	SB2206-1(0)	SB2300-1
X MOISTURE:	H-9.5'	SURFACE	4-6'	SURFACE	2-4'	6-R'	SURFACE
DEPTH:	VQA'S NA	VQA'S NA	VQA'S NA	VQA'S NA	VQA'S NA	VQA'S NA	VQA'S NA
DESCRIPTION:							
UNITS:							
DATE SAMPLED:	08/25/88	08/25/88	08/25/88	08/25/88	08/25/88	08/25/88	08/25/88

108-05-4 VINYL ACETATE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I1 = ANALYTE PRESENT. AS VALUES APPROACH THE IUL, THE QUANTITY MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR SE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301822

WHITNEY SOIL BORINGS

SAMPLE NUMBER:
 X MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SR2009-1(-1) SR2100-1(7) SR2104-1(3) SR2200-1(6) SR2202-1(4) SR2206-1(0) SR2300-1
 8-9,5' SURFACE BNA'S NA 4-6' BNA'S NA BNA'S NA 6-8' BNA'S NA SURFACE
 BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA
 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
68B	84-74-2	DI-N-BUTYL PHTHALATE
70B	84-66-2	DIETHYL PHTHALATE
67B	85-68-7	BUTYL BENZYL PHTHALATE
71B	131-11-3	DIMETHYL PHTHALATE
1B	83-32-9	ACENAPHTHENE
78B	120-12-7	ANTHRACENE
72B	56-55-3	BENZ(1A)ANTHRACENE
74B	205-99-2	BENZO(B)FLUORANTHENE
207-09-9		BENZO(K)FLUORANTHENE
79B	191-24-2	BENZO(G,H,I)PERYLENE
73B	50-32-8	BENZO(A)PYRENE
76B	218-01-9	CHRYSENE
82B	53-70-3	DIBENZO(A,H)ANTHRACENE
39B	206-44-0	FLUORANTHENE
80B	86-73-7	FLUORENE
83B	193-38-5	INDENOL(1,2,3-CD)PYRENE
55B	91-20-3	NAPHTHALENE
91-57-6		2-METHYLNAPHTHALENE
81B	85-01-8	PHENANTHRENE
84B	129-00-0	PYRENE
27B	106-46-7	1,4-DICHLOROBENZENE
88	120-82-1	1,2,4-TRICHLOROBENZENE
9B	118-74-1	HEXACHLOROBENZENE
36B	606-24-2	2,6-DINITROTOLUENE
35B	121-14-2	2,4-DINITROTOLUENE
63B	621-64-7	N-NITROSODIPROPYLAMINE
62B	86-30-6	N-NITROSODIPHENYLAMINE
62-53-3		ANILINE
89-74-4		2-NITROANILINE
99-09-2		3-NITROANILINE
100-01-6		4-NITROANILINE
106-47-8		4-CHLOROANILINE

NOTES : D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 (I) = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 IJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301823

WHITMOYER SOIL SAMPLING

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SH200H-1(1) SH2100-1(7) SH2104-1(J) SH2200-1(G) SH2202-1(I) SH2206-1(O) SU2300-1
 4-9.5' SURFACE 4-6' SURFACE 2-4' SURFACE 6-8' SURFACE
 BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA
 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88

188 111-44-4 BIS(2-CHLOROETHYL)ETHER
 428 39638-32-9 BIS(2-CHLOROISOPROPYL)ETHER
 418 101-55-3 4-BROMOPHENYL PHENYL ETHER
 008 7005-72-3 4-CHLOROPHENYL PHENYL ETHER
 538 77-47-4 HEXACHLORO-CYCLOPENTADIENE
 288 91-94-1 3,3'-DICHLOROBENZIDINE
 65-85-0 BENZOIC ACID
 100-51-6 BENZYL ALCOHOL
 132-64-9 DIBENZOFURAN
 128 67-72-1 HEXACHLOROETHANE

NOTES: H = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROXIMATE THE IJL THE QUANTITATION MAY NOT BE ACCURATE
 H = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR SE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301824

WHITMOYER SOIL BORINGS

SAMPLE NUMBER: SR2008-1(1-1) SR2100-1(17) SR2104-1(3) SB2200-1(G) SR2202-1(4) SD2206-1(O) SH2300-1
 % MOISTURE: R-9.5' BNA'S NA SURFACE BNA'S NA SURFACE BNA'S NA SURFACE C-8' BNA'S NA SURFACE BNA'S NA
 DEPTH: 4-6' BNA'S NA 4-6' BNA'S NA 2-3' BNA'S NA
 DESCRIPTION: BNA'S NA SURFACE BNA'S NA SURFACE BNA'S NA SURFACE
 UNITS: BNA'S NA SURFACE BNA'S NA SURFACE BNA'S NA SURFACE
 DATE SAMPLED: 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88

*** ACIDS ***

PT	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	106-41-5	4-METHYLPHENOL
	95-95-4	2,4,5-TRICHLOROPHENOL
64A	87-86-5	PENTACHLOROPHENOL
58A	100-02-7	4-NITROPHENOL
59A	51-28-5	2,4-DINITROPHENOL
60A	534-52-1	4,6-DINITRO-2-METHYLPHENOL

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I) = ANALYTE PRESENT. AS VALUES APPROACH THE IDL, THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INDICATED ON INSTRUMENT / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301825

WHITMYER SOIL SAMPLINGS

SAMPLE NUMBER: SU2008-1(-1) SU2104-1(17) SU2104-1(13) SU2200-1(16) SU2202-1(14) SU2206-1(10) SU2300-1
 % MOISTURE: 8-9.5' SURFACE 4-6' P/P NA 2-4' 6-8' SURFACE
 DEPTH: P/P NA P/P NA P/P NA P/P NA P/P NA P/P NA
 DESCRIPTION:
 UNITS:
 DATE SAMPLED: 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88

*** PESTICIDES ***

PP CAS NO COMPOUND
 319-84-6 ALPHA-BHC
 92P 50-29-3 4,4'-DDT
 93P 72-55-9 4,4'-DDE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE IHL, THE QUANTITY MAY NOT BE ACCURATE
 N = ANALYTE PRESENT. ANALYTE MAY OR MAY NOT BE PRESENT IN PLE
 O = UNRELIABLE RESULT. ANALYTE MAY BE PRESENT IN PLE
 P = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IHL / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH.

AR301826

WHITMOYER SOIL BORINGS.

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB200R-1(-1) SB210M-1(7) SB2104-1(3) SB2200-1(G) SB2202-1(1) SB2206-1(O) SB2300-1
 8-9.5' SURFACE 20.8 FEMT/UN 4-6' 27.0 FEMT/UN 2-4' 20.6 GRUMBINE 6-8' 22.3 GRUMBINE SURFACE
 20.6 FEMT/UN MG/KG 08/25/88 06/25/88 08/25/88 08/25/88 08/25/88 08/25/88
 MG/KG MG/KG MG/KG MG/KG MG/KG MG/KG
 1790.0J 190.0J 692.0J 304.0J 355.0J 828.0J 20.4L
 52900J 24200J 24200J 28000J 24000J 40900J 2760J

*** INORGANICS ***

PP CAS NO COMPOUND

- 1 ALUMINUM
- 2 ANTIMONY
- 3 ARSENIC
- 4 BARIUM
- 5 BERYLLIUM
- 6 CADMIUM
- 7 CALCIUM
- 8 CHROMIUM
- 9 COBALT
- 10 COPPER
- 11 IRON
- 12 LEAD
- 13 MAGNESIUM
- 14 MANGANESE
- 15 MERCURY
- 16 NICKEL
- 17 POTASSIUM
- 18 SELENIUM
- 19 SILVER
- 20 SODIUM
- 21 THALLIUM
- 22 VANADIUM
- 23 ZINC
- 24 CYANIDE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 M = ANALYTE PRESENT. AS VALUES APPROACH THE IUL THE QUANTITATION MAY NOT BE ACCURATE
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AR301827

HUITMOYER SOIL SAMPLING

SAMPLE NUMBER: SH2000-1(1) SH2100-1(7) SH2104-1(3) SH2200-1(6) SH2202-1(4) SH2206-1(0) SH2300-1
% MOISTURE: NA NA NA NA NA NA NA
DEPTH: NA NA NA NA NA NA NA
DESCRIPTION: NA NA NA NA NA NA NA
UNITS: NA NA NA NA NA NA NA
DATE SAMPLED: 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88 08/25/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

PH
POTENTIAL (MV)
CATION EXCHANGE CAPACITY (meq/100g)
SOLID, TOTAL

AR301828

WHITHOYER SOIL BORINGS

SAMPLE NUMBER:	SR2101-1	SR2100-1	SR2101-1	SR2500-1	SR2502-1	SR2600-1	SR2602-1
% MOISTURE:	4-6%	SURFACE	4-6%	SURFACE	2-3'	SURFACE	2-3'
DEPTH:	VIA'S NA	VIA'S NA	21	VIA'S NA	VIA'S NA	VIA'S NA	20
DESCRIPTION:			BETWEEN MAS				MAJOR FOODS
UNITS:			UG/KG				UG/KG
DATE SAMPLED:	08/25/88	08/25/88	08/25/88	08/25/88	08/25/88	08/25/88	08/25/88

*** VOLATILES ***

PP	CAS NO	COMPOUND	CONC	REMARKS
	67-64-1	ACETONE		
	78-93-3	2-BUTANONE		
	591-78-6	2-HEXANONE		
	108-10-1	4-METHYL-2-PENTANONE		
4V	71-43-2	BENZENE		
86V	108-88-3	TOLUENE		
38V	100-41-4	ETHYLBENZENE		
	95-47-6	TOTAL XYLENES		
	100-42-5	STYRENE		
7V	106-90-7	CHLOROBENZENE		
15V	79-34-5	1,1,2,2-TETRACHLOROETHANE		
11V	71-55-6	1,1,1-TRICHLOROETHANE		
14V	79-00-5	1,1,2-TRICHLOROETHANE		
10V	75-34-3	1,1-DICHLOROETHANE		
10V	107-06-2	1,2-DICHLOROETHANE		
16V	75-00-3	CHLOROETHANE		
85V	127-18-4	TETRACHLOROETHENE		
87V	79-01-6	TRICHLOROETHENE		
30V	156-60-5	TOTAL-1,2-DICHLOROETHENE		
29V	75-35-4	1,1-DICHLOROETHENE		
88V	75-01-4	VINYL CHLORIDE		
6V	56-23-5	CARBON TETRACHLORIDE		
23V	67-66-3	CHLOROFORM		
44V	75-09-2	METHYLENE CHLORIDE		
45V	74-87-3	CHLOROMETHANE		
32V	78-87-5	1,2-DICHLOROPROPANE		
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE		
33VC	10061-01-5	CIS-1,3-DICHLOROPROPENE		
47V	75-25-2	BROMOFORM		
46V	74-83-9	BROMOMETHANE		
48V	75-27-4	BROMODICHLOROMETHANE		
51V	124-48-1	DIBROMOCHLOROMETHANE		
	75-15-0	CARBON DISULFIDE		

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE.
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPREISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301829

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:	% MOISTURE:	DEPTH:	DESCRIPTION:	UNITS:	DATE SAMPLED:
SD2301-1	1-6	VDA'S NA			08/25/88
SD2100-1	SURFACE	VDA'S NA			08/25/88
SD2404-1	4-6	BETWEEN MAS			08/25/88
	21	UG/KG			
SB2500-1	SURFACE	VDA'S NA			08/25/88
SB2502-1	2-3	VDA'S NA			08/25/88
SD2600-1	SURFACE	VDA'S NA			08/25/88
SB2602-1	2-3	20	MAJOR FOCUS	UG/KG	08/25/88

108-05-4 VINYL ACETATE

- NOTES :
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 - K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / I. = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 - L = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITY REPORTED MAY NOT BE ACCURATE
 - M = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT
 - N = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR
 - UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301830

WILTMAYER SOIL MININGS

SAMPLE NUMBER:
X MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SD2101-1
1-6'
BNA'S NA
OR/25/88

SB2400-1
SURFACE
BNA'S NA
OR/25/88

SR2404-1
4-6'
17
BETWEEN M/S
UG/KG
OR/25/88

SB2500-1
SURFACE
BNA'S NA
OR/25/88

SB2502-1
2-3'
BNA'S NA
OR/25/88

SB2600-1
SURFACE
BNA'S NA
OR/25/88

SD2602-1
2-3'
16
MAJOR FOODS
UG/KG
OR/25/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND	160J
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE	
68B	84-74-2	DI-N-BUTYL PHTHALATE	
70B	84-66-2	DIETHYL PHTHALATE	
67B	85-68-7	BUTYL BENZYL PHTHALATE	
71B	131-11-3	DIMETHYL PHTHALATE	
7B	83-32-9	ACENAPHTHENE	
76B	120-12-7	ANTHRACENE	
72B	56-55-3	BENZO(A)ANTHRACENE	59J
74B	205-99-2	BENZO(B)FLUORANTHENE	96J
	207-08-9	BENZO(K)FLUORANTHENE	160J
79B	191-24-2	BENZO(G,H,I)PERYLENE	110J
73B	50-32-8	BENZO(A)PTRENE	80J
76B	218-01-9	CHRYSENE	160J
82B	53-70-3	DIBENZO(A,H)ANTHRACENE	140J
39B	206-44-0	FLUORANTHENE	
80B	86-73-7	FLUORENE	
83B	193-39-6	INDENO(1,2,3-CD)PYRENE	68J
55B	91-20-3	NAPHTHALENE	110J
	91-57-6	2-METHYLNAPHTHALENE	140J
81B	85-01-8	PHENANTHRENE	170J
84B	129-00-0	PYRENE	140J
27B	106-46-7	1,4-DICHLOROBENZENE	
8B	120-82-1	1,2,4-TRICHLOROBENZENE	
9B	118-74-1	HEXACHLOROBENZENE	
36B	606-20-2	2,6-DINITROTOLUENE	
35B	121-14-2	2,4-DINITROTOLUENE	
63B	621-64-7	N-NITROSODIPROPYLAMINE	
62B	86-30-6	N-NITROSODIPHENYLAMINE	390J
	62-53-3	ANILINE	74J
	88-74-4	2-NITROANILINE	
	99-09-2	3-NITROANILINE	
	100-01-6	4-NITROANILINE	
	106-47-8	4-CHLOROANILINE	

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 || = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
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AR301831

WHITMOYER SOIL MAXIMES

SAMPLE NUMBER:	SR2304-1	SR2400-1	SR2404-1	SR2504-1	SR2502-1	SR2600-1	SR2602-1
% MOISTURE:	4-C	SR2400-1	4-C	SR2504-1	2-3	SR2600-1	2-3
DEPTH:	BNA'S NA	SR2400-1	17	BNA'S NA	BNA'S NA	SR2600-1	BNA'S NA
DESCRIPTION:		BETWEEN MAS					
UNITS:		UG/KG					
DATE SAMPLED:	08/25/88	08/25/88	08/25/88	08/25/88	08/25/88	08/25/88	08/25/88

- 188 101-44-4 BIS(2-CHLOROETHYL)ETHER
- 428 39638-32-9 BIS(2-CHLOROISOPROPYL)ETHER
- 418 101-55-3 4-BROMOPHENYL PHENYL ETHER
- 008 7005-72-3 4-CHLOROPHENYL PHENYL ETHER
- 538 77-47-4 HEXACHLOROCYCLOPENTADIENE
- 288 91-94-1 3,3'-DICHLOROBENZIDINE
- 65-85-0 BENZOIC ACID
- 100-51-6 BENZYL ALCOHOL
- 132-63-9 DIBENZOFURAN
- 128 67-72-1 HEXACHLOROBENZENE

NOTES:

- U = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE ON SE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH
- J = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED HIGH / J = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED LOW
- A = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED HIGH / I = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED LOW
- II = ANALYTE PRESENT, AS VALUES APPROACH THE TOL THE QUANTITATION LIMIT MAY NOT BE ACCURATE
- N = UNRELIABLE RESULT, ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE

AR301832

WHITMOYER SOIL MININGS

SAMPLE NUMBER:
 & MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SR2301-1 4-6' DNA'S NA 08/25/88
 SR2400-1 SURFACE BNA'S NA 08/25/88
 SR2404-1 4-6' 17 BETWEEN M&S UG/KG 08/25/88
 SB2500-1 SURFACE BNA'S NA 08/25/88
 SR2502-1 2-3' BNA'S NA 08/25/88
 SB2600-1 SURFACE BNA'S NA 08/25/88
 SB2602-1 2-3' 16 MAJOR FOODS UG/KG 08/25/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	106-44-5	4-METHYLPHENOL
	95-95-4	2,4,5-TRICHLOROPHENOL
64A	87-86-5	PENTACHLOROPHENOL
58A	100-02-7	4-NITROPHENOL
59A	51-28-5	2,4-DINITROPHENOL
60A	534-52-1	4,6-DINITRO-2-METHYLPHENOL

UJ

UJ
 UJ

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AR301833

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SU2304-1 4'-6" P/P NA 08/25/88
 SU2100-1 SURFACE P/P NA 08/25/88
 SB2104-1 4'-6" P/P NA BETWEEN MAS UG/KG 08/25/88
 SB2500-1 SURFACE P/P NA 08/25/88
 SB2502-1 2-3' P/P NA 08/25/88
 SB2500-1 SURFACE P/P NA 08/25/88
 SB2602-1 2-3' P/P NA MAJOR FOODS UG/KG 08/25/88

*** PESTICIDES ***

PP CAS NO COMPOUND

319-84-6 ALPHA-BHC
 92P 50-29-3 4,4'-DUT
 93P 72-55-9 4,4'-DDE

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 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IJL THE QUANTITY 'M' MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT SAMPLE
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AR301834

WHITMOYER SOIL DUMPKINGS

SAMPLE NUMBER:
X MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SR2304-1 4-6' 16.9 RING 5/8 MG/KG 08/25/88
SR2400-1 SURFACE 20.6 HR LINE/SUR MG/KG 08/25/88
SR2404-1 4-6' 21.4 BETWEEN HLS MG/KG 08/25/88
SR2500-1 SURFACE 21.7 MAJOR FXIDS MG/KG 08/25/88
SR2502-1 2-3' 22.6 MAJOR FXIDS MG/KG 08/25/88
SR2600-1 SURFACE 18.5 MAJOR FXIDS MG/KG 08/25/88
SR2602-1 2-3' 21.5 MAJOR FOODS MG/KG 08/25/88

*** INORGANICS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	SR2304-1	SR2400-1	SR2404-1	SR2500-1	SR2502-1	SR2600-1	SR2602-1
1		ALUMINUM	18.7L	1060.0		282.0	21.8L	25.5L	30200
2		ANTIMONY							UL
3		ARSENIC							21.4
4		BARIUM							145.61
5		BERYLLIUM							6.9
6		CADMIUM							ND
7		CALCIUM			10.92K				2200J
8		CHROMIUM			2080J				15
9		COBALT			17.8				18.1
10		COPPER			18.7				41.2
11		IRON	45400	24700	47700J	25700	60000	30700	57400J
12		LEAD			27.2K				29.8K
13		MAGNESIUM			3100J				3290J
14		MANGANESE			518J				474J
15		MERCURY			0.26				ND
16		NICKEL			37.3				47
17		POTASSIUM			1480				1820
18		SELENIUM			UL				UL
19		SILVER			11.1B				11.61B
20		SODIUM			168.91B				163.41B
21		THALLIUM			11.11				11.21
22		VANADIUM			53.2				55.3
23		ZINC			48.8J				51.7J
24		CYANIDE			NA				NA

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AR301835

WITMOYER SOIL BURNINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SAMPLE NUMBER	% MOISTURE	DEPTH	DESCRIPTION	UNITS	DATE SAMPLED
SD2304-1	NA	NA	NA	NA	08/25/88
SU2400-1	NA	NA	NA	NA	08/25/88
SB2404-1	NA	NA	NA	NA	08/25/88
SD2500-1	NA	NA	NA	NA	08/25/88
SB2502-1	NA	NA	NA	NA	08/25/88
SB2600-1	NA	NA	NA	NA	08/25/88
SB2602-1	NA	NA	NA	NA	08/25/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

pH
POTENTIAL (mv)
CATION EXCHANGE CAPACITY (meq/100g)
SOLID, TOTAL

MITTMEYER SOIL BORINGS

SAMPLE NUMBER:	SB2700-1	SB2702-1	SB2800-1D	SB2802-1	SB2900-1111.5	SB2902-119.51
% MOISTURE:	SURFACE	2-3'	SURFACE	2-3'	SURFACE	2-4'
DEPTH:	VDA'S NA	VDA'S NA	VDA'S NA	VDA'S NA	VDA'S NA	VDA'S NA
DESCRIPTION:						
UNITS:						
DATE SAMPLED:	08/26/88	08/26/88	08/26/88	08/26/88	08/26/88	08/26/88

*** VOLATILES ***

PP CAS NO COMPOUND

AR301837

WHITMOVER SOIL BORINGS

SAMPLE NUMBER: 882912-1(-.5) 883000-1 883100-1 883200-1 883202-1 883202-1D 883300-1
 X MOISTURE: 12-12.5% SURFACE SURFACE SURFACE SURFACE SURFACE SURFACE SURFACE
 DEPTH: VOA'S NA
 DESCRIPTION: VOA'S NA
 UNITS: 08/26/88 08/26/88 08/26/88 08/26/88 08/26/88 08/26/88 08/29/88
 DATE SAMPLED: 08/26/88 08/26/88 08/26/88 08/26/88 08/26/88 08/26/88 08/26/88

*** VOLATILES ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	67-64-1	78-83-3	591-78-6	108-10-1	71-43-2	86V 108-88-3	28V 100-41-4	95-47-6	100-42-6	108-90-7	18V 79-34-5	11V 71-55-6	14V 79-00-5	10V 75-34-3	10V 107-06-2	16V 75-00-2	85V 127-18-4	87V 79-01-6	30V 156-60-5	29V 75-35-4	88V 75-01-4	6V 55-23-5	23V 67-56-3	44V 75-09-2	45V 74-87-3	32V 78-87-5	33VT 10051-02-6	33VC 10061-01-5	47V 75-26-2	46V 74-83-9	48V 75-27-4	51V 124-48-1	75-15-0						
		ACETONE																																							
		2-BUTANONE																																							
		2-METANONE																																							
		4-METHYL-2-PENTANONE																																							
		BENZENE																																							
		TOLUENE																																							
		ETHYLBENZENE																																							
		TOTAL EYLENES																																							
		STYRENE																																							
		CHLOROBENZENE																																							
		1,1,2,2-TETRACHLOROETHANE																																							
		1,1,1-TRICHLOROETHANE																																							
		1,1,2-TRICHLOROETHANE																																							
		1,1-DICHLOROETHANE																																							
		1,2-DICHLOROETHANE																																							
		CHLOROETHANE																																							
		TETRACHLOROETHENE																																							
		TRICHLOROETHENE																																							
		TOTAL-1,2-DICHLOROETHENE																																							
		1,1-DICHLOROETHENE																																							
		VINYL CHLORIDE																																							
		CARBON TETRACHLORIDE																																							
		CHLOROFORM																																							
		METHYLENE CHLORIDE																																							
		CHLOROMETHANE																																							
		1,2-DICHLOROPROPANE																																							
		TRANS-1,2-DICHLOROPROPENE																																							
		C18-1,3-DICHLOROPROPENE																																							
		BROMOFORM																																							
		BROMOMETHANE																																							
		BROMODICHLOROMETHANE																																							
		DIBROMOCHLOROMETHANE																																							
		CARBON DISULFIDE																																							

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 UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR SE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
 X MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB2912-1(-.5) 12-12.5' VOA'S NA	SB3000-1 SURFACE VOA'S NA	SB3100-1 SURFACE VOA'S NA	SB3200-1 SURFACE VOA'S NA	SB3202-1 2-4' SE CORNER UG/KG	SB3202-1D 2-4' 17 DUPLICATE UG/KG	SB3300-1 SURFACE VOA'S NA
08/26/88	08/26/88	08/26/88	08/26/88	08/26/88	08/26/88	08/29/88

108-05-4 VINYL ACETATE

NOTES :
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 () = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301839

WITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB2912-11(-.5) SB3000-1 SB3100-1 SB3200-1 SB3202-1 SB3202-1D
12-12.5' SURFACE SURFACE SURFACE SURFACE SURFACE SURFACE
BMA'S NA BMA'S NA BMA'S NA BMA'S NA BMA'S NA BMA'S NA
08/26/89 08/26/89 08/26/89 08/26/89 08/26/89 08/29/89
2-4' 2-4' 18' 85' 85' 12'
CORNER UG/KG UG/KG UG/KG
DUPLICATE

*** BASE/NEUTRALS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	95J	52J	42J	50J	79J	71J
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE						
68B	84-74-2	DI-N-BUTYL PHTHALATE						
70B	84-66-2	DIETHYL PHTHALATE						
67B	85-68-7	BUTYL BENZYL PHTHALATE						
71B	131-11-3	DIMETHYL PHTHALATE						
1B	83-32-9	ACENAPHTHENE						
78B	120-12-7	ANTHRACENE						
72B	56-55-3	BENZO(A)ANTHRACENE						
74B	205-99-2	BENZO(B)FLUORANTHENE						
207-08-9		BENZO(K)FLUORANTHENE						
79B	191-24-2	BENZO(G,H,I)PERYLENE						
73B	50-32-8	BENZO(A)PYRENE						
76B	218-01-9	CHRYSENE						
82B	53-70-3	DIBENZO(A,H)ANTHRACENE						
39B	206-44-0	FLUORANTHENE						
80B	86-73-7	FLUORENE						
83B	193-39-5	INDENO(1,2,3-CD)PYRENE						
55B	91-20-3	NAPHTHALENE						
91-57-6		2-METHYLNAPHTHALENE						
81B	85-01-8	PHENANTHRENE						
84B	129-00-0	PYRENE						
27B	106-46-7	1,4-DICHLOROBENZENE						
8B	120-82-1	1,2,4-TRICHLOROBENZENE						
9B	118-74-1	HEXACHLOROBENZENE						
35B	606-20-2	2,6-DINITROTOLUENE						
35B	121-14-2	2,4-DINITROTOLUENE						
63B	621-64-7	N-NITROSODIPROPYLAMINE						
62B	86-30-6	N-NITROSODIPHENYLAMINE						
62-53-3		ANILINE						
88-74-4		2-NITROANILINE						
99-09-2		3-NITROANILINE						
100-01-6		4-NITROANILINE						
106-47-8		4-CHLOROANILINE						

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 M = ANALYTE PRESENT, AS VALUES APPROACH THE IUL THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT, ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 OJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR ISS / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301840

WHITVOYER SOIL BORINGS

SR2912-1(-.5)	SR3000-1	SR3100-1	SR3200-1	SR3202-1	SR3202-1D	SR3300-1
12-12.5'	SURFACE	SURFACE	SURFACE	2-4'	2-4'	SURFACE
BNA'S NA	BNA'S NA	BNA'S NA	BNA'S NA	18	12	BNA'S NA
				SE CORNER	DUPLICATE	
				UG/KG	UG/KG	
08/25/88	08/25/88	08/26/88	08/26/88	08/26/88	08/26/88	08/29/88

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

- 188 111-44-4 BIS(2-CHLOROETHYL)ETHER
- 428 39638-32-9 BIS(2-CHLOROISOPROPYL)ETHER
- 418 101-55-3 4-BROMOPHENYL PHENYL ETHER
- 008 7065-72-3 4-CHLOROPHENYL PHENYL ETHER
- 538 77-47-4 HELACHLOROCTCLOPENTADIENE
- 288 91-94-1 3,3'-DICHLOROBENZIDINE
- 65-85-0 BENZOIC ACID
- 100-51-6 BENZYL ALCOHOL
- 132-64-9 DIBENZOFURAN
- 128 67-72-1 HELACHLOROETHANE

NOTES : R = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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AR301841

WHITMOYER SOIL BORINGS

SAMPLE NUMBER: SB2912-1(-.5) SB3000-1 SB3100-1 SB3200-1 SB3202-1 SB3300-1
 % MOISTURE: 12-12.5' SURFACE SURFACE SURFACE SURFACE SURFACE
 DEPTH: BMA'S NA BMA'S NA BMA'S NA BMA'S NA BMA'S NA
 DESCRIPTION: BMA'S NA BMA'S NA BMA'S NA BMA'S NA BMA'S NA
 UNITS: 08/26/88 08/26/88 08/26/88 08/26/88 08/26/88
 DATE SAMPLED: 08/26/88 08/26/88 08/26/88 08/26/88 08/29/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	106-44-5	4-METHYLPHENOL
	98-95-4	2,4,5-TRICHLOROPHENOL
64A	87-85-5	PENTACHLOROPHENOL
58A	100-02-7	4-NITROPHENOL
59A	51-28-5	2,4-DINITROPHENOL
60A	534-82-1	4,6-DINITRO-2-METHYLPHENOL

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 A = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR SE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301842

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB2912-1(-.5)
 12-12.5'
 P/P NA
 08/26/88

SB3000-1
 SURFACE
 P/P NA
 08/26/88

SB3100-1
 SURFACE
 P/P NA
 08/26/88

SB3202-1
 2-4'
 P/P NA
 SE CORNER
 UG/KG
 08/26/88

SB3202-1D
 2-4'
 P/P NA
 DUPLICATE
 UG/KG
 08/26/88

SB3300-1
 SURFACE
 P/P NA
 08/29/88

*** PESTICIDES ***

PP CAS NO COMPOUND

319-84-6 ALPHA-BHC
 92P 50-29-3 4,4'-DDT
 93P 72-55-9 4,4'-DDE

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AR301843

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB2912-1(-.5)	SB3000-1	SB3100-1	SB3200-1	SB3202-1	SB3202-1D	SB3300-1
12-12.5'	SURFACE	SURFACE	SURFACE	2-4'	2-4'	SURFACE
18.2	22.6	13.7	20.3	21.3	19.6	6.3
PAVILANE	NEAR BLDG 10	NEAR BLDG 14	SE CORNER	SE CORNER	DUPLICATE	VAULT PERIM
MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
08/26/88	08/26/88	08/26/88	08/26/88	08/26/88	08/26/88	08/29/88

*** INORGANICS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	SB2912-1(-.5)	SB3000-1	SB3100-1	SB3200-1	SB3202-1	SB3202-1D	SB3300-1
1		ALUMINUM	5100.0	97.7	66.6	155.0	31300	31600	31600
2		ANTIMONY					13.91L	14.11L	14.11L
3		ARSENIC					18.4	19.9	19.9
4		BARIUM					67.5	64.3	64.3
5		BERYLLIUM					3.6	3.4	3.4
6		CADMIUM					ND	ND	ND
7		CALCIUM					2860J	2450J	2450J
8		CHROMIUM					27.5	27.9	27.9
9		COBALT					17.1	23.6	23.6
10		COPPER					35.7	33.8	33.8
11		IRON	44800	31600	15100	30200	55900J	53600J	53600J
12		LEAD					26.3K	32.8K	32.8K
13		MAGNESIUM					3370J	2760J	2760J
14		MANGANESE					536J	596J	596J
15		MERCURY					[0.15]	0.2	0.2
16		NICKEL					39.3	36.2	36.2
17		POTASSIUM					1810	1790	1790
18		SELENIUM					UL	UL	UL
19		SILVER					2.0B	11.81B	11.81B
20		SODIUM					196.11B	199.71B	199.71B
21		THALLIUM					[0.85]	[0.77]	[0.77]
22		VANADIUM					64.9	64.4	64.4
23		ZINC					45.1J	44.4J	44.4J
24		CYANIDE					NA	NA	NA

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AR301844

WHITVOYER SOIL BORINGS

SAMPLE NUMBER:
X MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB2912-1(-.5) SB3000-1 SB3100-1 SB3200-1 SB3202-1 SB3202-ID SB3300-1
NA NA NA NA NA NA NA
08/26/88 08/26/88 08/26/88 08/26/88 08/26/88 08/26/88 08/29/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

pH
POTENTIAL (MV)
CATION EXCHANGE CAPACITY (meq/100g)
SOLID, TOTAL

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB3302-1
2-3'
VOA'S NA
08/29/88

SB3400-1
SURFACE
VOA'S NA
08/29/88

SB3402-1
2-4'
23
VAULT PERIM
UO/KG
08/29/88

SB3500-1(8)
SURFACE
VOA'S NA
08/29/88

SB3504-1(4)
4-6'
VOA'S NA
08/29/88

SB3504-1D(4)
4-6'
VOA'S NA
08/29/88

SB3506-1(2)
6-8'
21
VAULT PERIM
UO/KG
08/29/88

*** VOLATILES ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	9B	5J	41B	61B	UJ
67-64-1		ACETONE					
78-93-3		2-BUTANONE					
591-78-6		2-HEXANONE					
108-10-1		4-METHYL-2-PENTANONE					
4V	71-43-2	BENZENE					
86V	108-88-3	TOLUENE					
38V	100-41-4	ETHYLBENZENE					
	95-47-6	TOTAL XYLENES					
	100-42-5	STYRENE					
7V	108-90-7	CHLOROBENZENE					
15V	79-34-5	1,1,2,2-TETRACHLOROETHANE					
11V	71-55-6	1,1,1-TRICHLOROETHANE					
14V	79-00-5	1,1,2-TRICHLOROETHANE					
10V	75-34-3	1,1-DICHLOROETHANE					
10V	107-06-2	1,2-DICHLOROETHANE					
16V	75-00-3	CHLOROETHANE					
85V	127-18-4	TETRACHLOROETHENE					
87V	79-01-6	TRICHLOROETHENE					
30V	156-60-5	TOTAL-1,2-DICHLOROETHENE					
29V	75-35-4	1,1-DICHLOROETHENE					
98V	75-01-4	VINYL CHLORIDE					
6V	56-23-5	CARBON TETRACHLORIDE					
23V	67-66-3	CHLOROFORM					
44V	75-09-2	METHYLENE CHLORIDE					
45V	74-87-3	CHLOROMETHANE					
33V	78-87-5	1,2-DICHLOROPROPANE					
33VT	10061-02-6	TRANS-1,3-DICHLOROPROPENE					
33VC	10061-01-5	CIS-1,3-DICHLOROPROPENE					
47V	75-25-2	BROMOFORM					
46V	74-83-9	BROMOMETHANE					
48V	75-27-4	DIBROMOCHLOROMETHANE					
51V	124-48-1	DIBROMOETHYLENE					
	75-15-0	CARBON DISULFIDE					

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AR301846

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB3302-1 2-3' VOA'S NA	SR3400-1 SURFACE VOA'S NA	SB3402-1 2-4' VAULT PERIM UG/KG	SR3500-1(B) SURFACE VOA'S NA	SB3504-1(4) 4-6' VOA'S NA	SB3504-ID(4) 4-6' VOA'S NA	SB3506-1(2) 6-8' 21 VAULT PERIM UG/KG
08/29/88	08/29/88	08/29/88	08/29/88	08/29/88	08/29/88	08/29/88

108-05-4 VINYL ACETATE

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AR301847

WITMOYER SOIL BORINGS

SAMPLE NUMBER:	SU3302-1	SU3400-1	SU3402-1	SU3500-1(B)	SU3504-1(4)	SU3504-1D(4)	SU3506-1(2)
% MOISTURE:	2-3'	SURFACE	2-4'	SURFACE	4-6'	4-6'	6-8'
DNPTH:	BNA'S NA	BNA'S NA	VAULT PERIM	BNA'S NA	BNA'S NA	BNA'S NA	21
DESCRIPTION:			UC/MG				VAULT PERIM
UNITS:							UC/KG
DATE SAMPLED:	08/29/88	08/29/88	08/29/88	08/29/88	08/29/88	08/29/88	08/29/88

*** BASE/NEUTRALS ***

PP CAS NO COMPOUND

668	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
688	84-74-2	DJ-N-BUTYL PHTHALATE
708	84-66-2	DIBUTYL PHTHALATE
678	85-68-7	BUTYL BENZYL PHTHALATE
718	131-11-3	DIMETHYL PHTHALATE
18	83-32-9	ACENAPHTHENE
788	120-12-7	ANTHRACENE
728	56-56-3	BENZO(A)ANTHRACENE
748	205-99-2	BENZO(B)FLUORANTHENE
	207-08-9	BENZO(K)FLUORANTHENE
798	191-24-2	BENZO(G,H,I)PERYLENE
738	50-32-8	BENZO(A)PYRENE
768	218-01-9	CHRYSENE
828	53-70-3	DIBENZO(A,H)ANTHRACENE
398	206-41-0	FLUORANTHENE
808	86-73-7	FLUORENE
828	193-39-5	INDENO(1,2,3-CD)PYRENE
588	91-20-3	MAPHTHALENE
	91-57-6	2-METHYLMAPTHALENE
818	85-01-8	PHENANTHRENE
848	129-00-0	PYRENE
278	106-46-7	1,4-DICHLOROBENZENE
88	120-82-1	1,2,4-TRICHLOROBENZENE
98	118-74-1	HEXACHLOROBENZENE
268	606-20-2	2,6-DINITROTOLUENE
368	121-14-2	2,4-DINITROTOLUENE
628	621-64-7	N-NITROSODIISOPROPYLAMINE
628	86-30-6	N-NITROSODIPHENYLAMINE
	62-53-3	ANILINE
	88-74-4	2-NITROANILINE
	99-09-2	3-NITROANILINE
	100-01-6	4-NITROANILINE
	106-47-8	4-CHLOROANILINE

UJ

UJ

B
UJ
UJ

B
UJ
UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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AR301848

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
 X MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SR3302-1 2-3' BNA'S NA 08/29/88
 SR3400-1 SURFACE BNA'S NA 08/29/88
 SR3402-1 2-4' VAULT PERIM 08/29/88
 SB3500-1(8) SURFACE BNA'S NA 08/29/88
 SR3504-1(4) 4-6' BNA'S NA 08/29/88
 SR3504-10(4) 4-6' BNA'S NA 08/29/88
 SR3506-1(2) 6-R' 21 VAULT PERIM 08/29/88

108 111-44-4 B15(2-CHLOROETHYL)ETHER
 428 39638-32-9 B15(2-CHLOROISOPROPYL)ETHER
 418 101-55-3 4-BROMOPHENYL PHENYL ETHER
 008 7005-72-3 4-CHLOROPHENYL PHENYL ETHER
 538 77-47-4 HEXACHLOROCYCLOPENTADIENE
 288 91-94-1 3,3'-DICHLOROBENZIDINE
 65-85-0 BENZOIC ACID
 100-81-6 BENZYL ALCOHOL
 132-64-9 DIBENZOFURAN
 128 67-72-1 HEXACHLOROETHANE

UJ

UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 (I) = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
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WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB3302-1 2-3' BMA'S NA 08/29/89
SB3400-1 SURFACES BMA'S NA 08/29/89
SB3402-1 2-4' VAULT PUMM UG/KG 08/29/89
SB3500-1(8) SURFACES BMA'S NA 08/29/89
SB3504-1(4) 4-6' BMA'S NA 08/29/89
SB3504-1D(4) 4-6' BMA'S NA 08/29/89
SB3506-1(2) 6-8' VAULT PUMM UG/KG 08/29/89

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	106-44-5	4-METHYLPHENOL
	95-95-4	2,4,6-TRICHLOROPHENOL
64A	87-86-5	PENTACHLOROPHENOL
58A	100-02-7	4-NITROPHENOL
59A	51-28-5	2,4-DINITROPHENOL
60A	534-52-1	4,6-DINITRO-2-METHYLPHENOL

UJ UJ UJ UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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I = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THIS SAMPLE
UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR SE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

WHITVOYER SOIL BORINGS

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB3302-1 2-3' P/P NA	SB3400-1 SURFACE P/P NA	SB3402-1 2-4' P/P NA VAULT PERIM UG/KG	SB3500-1(8) SURFACE P/P NA	SB3504-1(4) 4-6' P/P NA	SB3504-1D(4) 4-6' P/P NA	SB3506-1(2) 6-8' P/P NA VAULT PERIM UG/KG
08/29/88	08/29/88	08/29/88	08/29/88	08/29/88	08/29/88	08/29/88

*** PESTICIDES ***

PP	CAS NO	COMPOUND
319-84-6		ALPHA-BHC
92P 50-29-3		4,4'-DDT
93P 72-55-9		4,4'-DDE

NOTES :
 B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 || = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRE:ISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

ORIGINAL
 (2-1)

AR301851

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB3302-1 2-3' VAULT PERIM MG/KG 08/29/88
 SB3400-1 5.2 SURFACE VAULT PERIM MG/KG 08/29/88
 SB3402-1 2-4' VAULT PERIM MG/KG 08/29/88
 SB3500-1(8) 22.8 SURFACE VAULT PERIM MG/KG 08/29/88
 SB3504-1(4) 4-6' VAULT PERIM MG/KG 08/29/88
 SB3504-1D(4) 4-6' VAULT PERIM MG/KG 08/29/88
 SB3506-1(2) 6-8' VAULT PERIM MG/KG 08/29/88

*** INORGANICS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	SB3302-1	SB3400-1	SB3402-1	SB3500-1(8)	SB3504-1(4)	SB3504-1D(4)	SB3506-1(2)
1		ALUMINUM			24400				18300
2		ANTIMONY			B				B
3		ARSENIC			97.2K				3600K
4		BARIUM	23L	45L	129	78L	2360L	2180L	75.6
5		BERYLLIUM			1.9				1.3
6		CADMIUM			4.5				4.3
7		CALCIUM			23700				2450
8		CHROMIUM			28.0				24.1
9		COBALT			14.1				17.5
10		COPPER			29.4B				32.6B
11		IRON	31100J	2740J	36100	26700J	41100J	36100J	37600
12		LEAD			23.6				22.4
13		MAGNESIUM			15500				4120
14		MANGANESE			1260				1480
15		MERCURY			ND				ND
16		NICKEL			36.9				37.6
17		POTASSIUM			1630				1620
18		SELENIUM			UL				UL
19		SILVER			ND				ND
20		SODIUM			ND				ND
21		THALLIUM			10.88JK				(0.68)
22		VANADIUM			37.7				28.0
23		ZINC			62.6				59.8
24		CYANIDE			NA				NA

NOTES :
 B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE ON PM-150
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 ND = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IS / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301852

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB3302-1 NA SB3400-1 NA SB3402-1 NA SB3500-1(8) NA SB3504-1(4) NA SB3504-ID(4) NA SB3506-1(2)
08/29/88 08/29/88 08/29/88 08/29/88 08/29/88 08/29/88 08/29/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

pH
POTENTIAL (MV)
CATION EXCHANGE CAPACITY (meq/100g)
SOLID, TOTAL

AR301853

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SR3506-1D(2) SR3500-1(6) SR3502-1(4) SR3701-1 SR3707-1 SR3800-1
6-8' SURFACE SURFACE SURFACE 1-2' 7-8' SURFACE
20 VOA'S MA VOA'S MA VOA'S MA VOA'S MA VOA'S MA
DUPLICATE
UC/KC
08/29/88 08/30/88 08/30/88 08/30/88 08/30/88

*** VOLATILES ***

PP CAS NO COMPOUND

67-64-1	ACETONE	4200B
78-93-3	2-BUTANONE	2500L
591-78-6	2-HEXANONE	
108-10-1	4-METHYL-2-PENTANONE	R
71-43-2	BENZENE	
108-88-3	TOLUENE	
100-41-4	ETHYLBENZENE	
95-47-6	TOTAL XYLENES	260B
100-42-5	STYRENE	
108-90-7	CHLOROBENZENE	
79-34-5	1,1,2,2-TETRACHLOROETHANE	
71-55-6	1,1,1-TRICHLOROETHANE	
79-00-5	1,1,2-TRICHLOROETHANE	
75-34-3	1,1-DICHLOROETHANE	
107-06-2	1,2-DICHLOROETHANE	
75-00-3	CHLOROETHANE	
127-18-4	TETRACHLOROETHENE	
79-01-6	TRICHLOROETHENE	
156-60-6	TOTAL-1,2-DICHLOROETHENE	
75-35-4	1,1-DICHLOROETHENE	
75-01-4	VINYL CHLORIDE	
56-23-5	CARBON TETRACHLORIDE	
67-66-3	CHLOROFORM	
75-09-2	METHYLENE CHLORIDE	
74-87-3	CHLOROMETHANE	
78-87-5	1,2-DICHLOROETHANE	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	
10061-01-5	CIS-1,3-DICHLOROPROPENE	
75-25-2	BROMOFORM	
74-83-9	BROMOMETHANE	
75-27-4	DIBROMOCHLOROMETHANE	
124-48-1	DIBROMOETHANE	
75-15-0	CARBON DISULFIDE	
4000B		

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 M = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR ISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301854

WHITMOYER SOIL BORINGS

SAMPLE NUMBER: SB3506-1D(2) SR3600-1(6) SR3602-1(4) SB3700-1 SB3701-1 SB3707-1 SB3800-1
 Z MOISTURE: 6-8' SURFACE SURFACE SURFACE 7-8' SURFACE
 DEPTH: 20 VOA'S NA VOA'S NA VOA'S NA VOA'S NA VOA'S NA
 DESCRIPTION: DUPLICATE
 UNITS: UG/KG
 DATE SAMPLED: 08/29/88 08/30/88 08/30/88 08/30/88 08/30/88 08/30/88

108-05-4 VINYL ACETATE

UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301855

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SA3506-1D(2) SA3600-1(6) SA3602-1(4) SB3700-1 SB3701-1 SB3707-1 SB3800-1
6-8' SURFACE SURFACE SURFACE SURFACE SURFACE SURFACE SURFACE
23 BWA'S NA BWA'S NA BWA'S NA BWA'S NA BWA'S NA BWA'S NA
DUPLICATE
UG/KG
08/29/88 08/30/88 08/30/88 08/30/88 08/30/88 08/30/88 08/30/88

*** BASE/NEUTRALS ***

PP CAS NO COMPOUND

668	117-81-7	BIS(2-ETHYLBENYL)PHTHALATE
688	84-74-2	DI-N-BUTYL PHTHALATE
708	84-66-2	DIETHYL PHTHALATE
678	85-68-7	BUTYL BENZYL PHTHALATE
718	131-11-3	DIMETHYL PHTHALATE
18	83-32-9	ACENAPHTHENE
788	120-12-7	ANTHRACENE
728	56-55-3	BENZO(A)ANTHRACENE
748	205-94-2	BENZO(B)FLUORANTHENE
207-09-9		BENZO(K)FLUORANTHENE
798	191-24-2	BENZO(G,H,I)PERYLENE
738	50-32-8	BENZO(A)PYRENE
768	218-01-9	CHRYSENE
828	53-70-3	DIBENZO(A,H)ANTHRACENE
398	206-44-0	FLUORANTHENE
808	86-73-7	FLUORENE
838	193-39-5	INDENO(1,2,3-CD)PYRENE
558	91-20-3	MARSHALLENE
818	85-87-6	2-METHYLMARSHALLENE
848	85-01-8	PHENANTHRENE
129-00-0		PYRENE
278	106-46-7	1,4-DICHLOROBENZENE
88	120-82-1	1,2,4-TRICHLOROBENZENE
98	118-74-1	HEXACHLOROBENZENE
368	606-20-2	2,6-DINITROTOLUENE
358	121-14-2	2,4-DINITROTOLUENE
638	621-64-7	N-NITROSODIISOPROPYLAMINE
628	86-30-6	N-NITROSODIPHENYLAMINE
62-53-3		ANILINE
88-74-4		2-NITROANILINE
99-09-2		3-NITROANILINE
100-01-6		4-NITROANILINE
106-47-8		4-CHLOROANILINE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
I) = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THIS SAMPLE
UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR SE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301856

WHITMOYER SOIL PARKING

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB3606-1D(2) SB3600-1(6) SB3602-1(4) SB3700-1 SB3701-1 SB3707-1 SB3800-1
6-8' SURFACE 2-4' SURFACE 1-2' SURFACE 7-8'
BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA SURFACE
23 BNA'S NA BNA'S NA BNA'S NA BNA'S NA BNA'S NA
DUPLICATE
UG/KG
08/29/88 08/30/88 08/30/88 08/30/88 08/30/88 08/30/88

180 111-44-4 BIS(2-CHLOROPHTYL) ETHER
428 39638-32-9 BIS(2-CHLOROPHTYL) ETHER
418 101-55-3 4-BROMOPHTYL PHENYL ETHER
008 7005-72-3 4-CHLOROPHTYL PHENYL ETHER
538 77-47-4 HEXACHLOROXYCLOPENTADIENE
288 91-94-1 3,3'-DICHLOROBENZIDINE
65-85-0 BENZOIC ACID
100-51-6 BENZYL ALCOHOL
132-64-9 DIBENZOFURAN
128 67-72-1 HEXACHLOROETHANE

UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
L1 = ANALYTE PRESENT. AS VALUES APPROACH THE L1, THE QUANTITATION MAY NOT BE ACCURATE
R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301857

WHITMOYER SOIL BORINGS

SAMPLE NUMBER: SB3606-10(2) SB3600-1(6) SB3602-1(4) SB3700-1 SB3701-1 SB3707-1 SB3600-1
 % MOISTURE: SURFACE SURFACE SURFACE SURFACE 7-9' SURFACE
 DEPTH: 6-8' 2-4' BMA'S NA BMA'S NA BMA'S NA BMA'S NA
 DESCRIPTION: 23 DUPLICATE
 UNITS: UJ/KG
 DATE SAMPLED: 08/29/89 08/30/89 08/30/89 08/30/89 08/30/89 08/30/89

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	106-44-6	4-METHYLPHENOL
	95-95-4	2,4,6-TRICHLOROPHENOL
64A	87-86-5	PENTACHLOROPHENOL
58A	100-02-7	4-NITROPHENOL
59A	51-28-5	2,4-DINITROPHENOL
60A	534-52-1	4,6-DINITRO-2-METHYLPHENOL

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I = ANALYTE PRESENT. AS VALUES APPROACH THE LOD THE QUANTITATION MAY NOT BE ACCURATE
 E = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THIS SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR 4 / UJ = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB3506-1D(2) SB1600-1(6) SB3602-1(4) SB3700-1 SB3701-1 SB3707-1 SB3800-1
 6-8" SURFACE 2-4' 1-2' 7-8' SURFACE SURFACE
 P/P NA P/P NA P/P NA P/P NA P/P NA P/P NA
 DUPLICATE
 UG/KG
 08/29/88 08/30/88 08/30/88 08/30/88 08/30/88 08/30/88

*** PESTICIDES ***

FP CAS NO COMPOUND

319-84-6 ALPHA-BHC
 92P 50-29-3 4,4'-DDT
 93P 72-55-9 4,4'-DDE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IJL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

AR301859

WHITMOVER SOIL BORINGS

SAMPLE NUMBER:
 Z MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB3506-1D(2)	SB3600-1(6)	SB3602-1(4)	SB3700-1	SB3701-1	SB3707-1	SB3800-1
6-8'	SURFACE	2-4'	SURFACE	1-2'	7-8'	SURFACE
22.6	14.6	22.9	21.7	21.9	20.8	19.6
DUPLICATE	VAULT PERIM	VAULT PERIM	LACOONS	LACOONS	LACOONS	LACOONS
MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG	MG/KG
08/29/88	08/30/88	08/30/88	08/30/88	08/30/88	08/30/88	08/30/88

*** INORGANICS ***

PP CAS NO COMPOUND

1	21300	ALUMINUM				
2	B	ANTIMONY				
3	3580K	ARSENIC	600L			737L
4	85.4	BARIUM		2340L	366L	
5	1.6	BERYLLIUM				
6	5.0	CADMIUM				
7	2720	CALCIUM				
8	30.3	CHROMIUM				
9	20.8	COBALT				
10	35.3B	COPPER				
11	43700	IRON				
12	22.3	LEAD				
13	4620	MAGNESIUM				
14	1490	MANGANESE				
15	ND	MERCURY				
16	42.8	NICKEL				
17	1830	POTASSIUM				
18	UL	SELENIUM				
19	ND	SILVER				
20	ND	SODIUM				
21	(0.72)	TALLIUM				
22	34.0	VANADIUM				
23	73.6	ZINC				
24	NA	CYANIDE				

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I1 = ANALYTE PRESENT. AS VALUES APPROACH THE I1L THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UL = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR 1% / UJ = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGH

AR301860

WHITNEY SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB3506-1D(2) NA SB3600-1(6) NA SB3602-1(4) NA SB3700-1 NA SB3701-1 NA SB3707-1 NA SB3800-1 NA
08/29/88 08/30/88 08/30/88 08/30/88 08/30/88 08/30/88 08/30/88

*** GEOCHEMICAL PARAMETERS ***

FP CAS NO COMPOUND

pH
POTENTIAL (MV)
CATION EXCHANGE CAPACITY (meq/100g)
SOLID, TOTAL

AR301861

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:	DEPTH:	DESCRIPTION:	UNITS:	DATE SAMPLED:	SB4002-1	SB4003-1	SB4000-1(4.5)	SB4001-2	SB4003-2	SB4004-1(1)	SB4008-1(-3)
% MOISTURE:	2-3'	VOA'S NA		08/30/88	3-4'	VOA'S NA	0-2'	1-3'	3-5'	4-6'	8-11'
DEPTH:	VOA'S NA	VOA'S NA		08/30/88	VOA'S NA	VOA'S NA	VOA'S NA	VOA'S NA	VOA'S NA	VOA'S NA	VOA'S NA
DESCRIPTION:											
UNITS:											
DATE SAMPLED:	08/30/88	08/30/88	08/30/88	08/30/88	08/30/88	08/30/88	08/30/88	08/30/88	08/30/88	08/30/88	08/30/88

*** VOLATILES ***

PP	CAS NO	COMPOUND
67-64-1		ACETONE
78-83-3		2-BUTANONE
591-78-6		2-HEXANONE
109-10-1		4-METHYL-2-PENTANONE
71-43-2		BENZENE
108-98-3		TOLUENE
100-41-4		ETHYLBENZENE
95-47-6		TOTAL XYLENES
100-42-5		STYRENE
108-90-7		CHLOROETHENE
78-34-5		1,1,2,2-TETRACHLOROETHANE
117-55-6		1,1,1-TRICHLOROETHANE
147-90-5		1,1,2-TRICHLOROETHANE
107-34-3		1,1-DICHLOROETHANE
107-06-2		1,2-DICHLOROETHANE
167-50-3		CHLOROETHANE
857-127-18-4		TETRACHLOROETHENE
877-79-01-6		TRICHLOROETHENE
155-60-5		TOTAL-1,2-DICHLOROETHENE
297-75-35-4		1,1-DICHLOROETHENE
887-75-01-4		VINYL CHLORIDE
67-66-3		CARBON TETRACHLORIDE
447-75-09-2		CHLOROFORM
457-74-87-3		METHYLENE CHLORIDE
327-78-87-5		CHLOROMETHANE
337-10061-02-6		1,2-DICHLOROPROPANE
337-10061-01-5		TRANS-1,3-DICHLOROPROPENE
477-75-25-2		CIS-1,3-DICHLOROPROPENE
467-74-83-9		BROMOFORM
487-75-27-4		BROMOMETHANE
517-124-48-1		BROMODICHLOROMETHANE
75-15-0		DIBROMODICHLOROMETHANE
		CARBON DISULFIDE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR SS / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301862

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
 X MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB3802-1 2-3' VOA'S NA	SB3903-1 3-4' VOA'S NA	SB4000-1(4.5) 0-2' VOA'S NA	SB4001-2 1-3' VOA'S NA W OF BLDG 7 UG/KG	SB4003-2 3-5' VOA'S NA W OF BLDG 7 UG/KG	SB4004-1(1) 4-6' VOA'S NA	SB4008-1(-3) 8-11' VOA'S NA
08/30/88	08/30/88	08/30/88	09/13/88	09/13/88	08/30/88	08/30/88

108-05-4 VINYL ACETATE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I = ANALYTE PRESENT. AS VALUES APPROACH THE TDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301863

MUTTVOYER SOIL BORINGS

SAMPLE NUMBER:
X MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB3802-1 2-3' BMA'S MA 08/30/88
SB3903-1 3-4' BMA'S MA 08/30/88
SB4000-1(4.6) 0-2' BMA'S MA 08/30/88
SB4001-2 1-3' W OF BLDG 7 UG/KG 09/13/88
SB4003-2 3-5' W OF BLDG 7 UG/KG 09/13/88
SB4004-1(1) 4-6' BMA'S MA 08/30/88
SB4008-1(-3) 9-11' BMA'S MA 08/30/88

*** BASE/NEUTRAL ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND
669	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE
688	84-74-2	DI-N-BUTYL PHTHALATE
708	84-66-2	DIETHYL PHTHALATE
678	85-68-7	BUTYL BENZYL PHTHALATE
718	131-11-3	DIMETHYL PHTHALATE
18	83-32-9	ACENAPHTHENE
788	120-12-7	ANTHRACENE
728	66-56-3	BENZO(A)ANTHRACENE
748	206-98-2	BENZO(B)FLUORANTHENE
798	207-08-9	BENZO(K)FLUORANTHENE
738	191-24-2	BENZO(G,H,I)PERYLENE
768	60-32-8	BENZO(A)PYRENE
828	218-01-9	CHRYSENE
838	53-70-3	DIBENZO(A,H)ANTHRACENE
398	206-44-0	FLUORANTHENE
808	86-73-7	FLUORENE
838	193-38-5	INDENO(1,2,3-CD)PYRENE
568	91-20-3	NAPHTHALENE
818	91-57-6	2-METHYLNAPHTHALENE
848	85-01-8	PERMANTHRENE
278	129-00-0	PYRENE
88	106-46-7	1,4-DICHLOROBENZENE
98	120-82-1	1,2,4-TRICHLOROBENZENE
368	118-74-1	HEXACHLOROBENZENE
358	606-20-2	2,6-DINITROTOLUENE
638	121-14-2	2,4-DINITROTOLUENE
628	621-64-7	N-NITROSODIPROPYLAMINE
628	84-30-6	N-NITROSODIPHENYLAMINE
62-63-3		ANILINE
88-74-4		2-NITROANILINE
99-09-2		3-NITROANILINE
100-01-6		4-NITROANILINE
106-47-8		4-CHLOROANILINE

120B
1200J UJ
UJ
UJ UJ
UJ UJ
UJ UJ

NOTES :
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J = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED LOW
K = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT, REPORTED VALUE MAY BE BIASED LOW
1) ANALYTE PRESENT, AS VALUES APPROACH THE IUL THE QUANTITATION MAY NOT BE ACCURATE
2 = UNRELIABLE RESULT, ANALYTE MAY OR MAY NOT BE PRESENT IN SAMPLE
UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR SS / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301864

MILITARY SOIL BORINGS

SAMPLE NUMBER: & MOISTURE:	DEPTH:	DESCRIPTION:	UNITS:	DATE SAMPLED:	SB3802-1 2-3' BNA'S NA	SB3903-1 3-4' BNA'S NA	SB4000-Y(4.5) 0-2' BNA'S NA	SB4001-2 1-3' 19 W OF BLDG 7 UG/KG	SB4003-2 3-5' 24 W OF BLDG 7 UG/KG	SB4004-1(1) 4-6' BNA'S NA	SB4008-1(-3) 8-11' BNA'S NA
					08/30/88	08/30/88	08/30/88	09/13/88	09/13/88	08/30/88	08/30/88

- 108 111-44-4 BIS(2-CHLOROETHYL)ETHER
- 428 39638-32-9 BIS(2-CHLOROISOPROPYL)ETHER
- 418 101-55-3 4-BROMOPHENYL PHENYL ETHER
- 008 7005-72-3 4-CHLOROPHENYL PHENYL ETHER
- 538 77-47-4 HEXACHLOROCTCLOPENTADIENE
- 288 91-94-1 3,3'-DICHLOROBENZIDINE
- 65-85-0 BENZOIC ACID
- 100-51-6 BENZYL ALCOHOL
- 132-64-9 DIBENZOFURAN
- 128 67-72-1 HEXACHLOROTRANE

UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 A = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
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 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGHER

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
 Z MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB3402-1
 2-3'
 BMA'S MA
 08/30/88

SB3303-1
 3-4'
 BMA'S MA
 08/30/88

SB4000-1(4.5)
 0-2'
 BMA'S MA
 08/30/88

SB4001-2
 1-3'
 19 W OF BLDG 7
 UG/KG
 09/13/88

SB4003-2
 3-5'
 24 W OF BLDG 7
 UG/KG
 09/13/88

SB4004-1(1)
 4-6'
 BMA'S MA
 08/30/88

SB4008-1(-3)
 8-11'
 BMA'S MA
 08/30/88

*** ACIDS ***

PP CAS NO COMPOUND

65A 108-95-2 PHENOL
 106-44-5 4-METHYLPHENOL
 95-95-4 2,4,6-TRICHLOROPHENOL
 64A 87-86-5 PENTACHLOROPHENOL
 58A 100-02-7 4-NITROPHENOL
 59A 51-28-5 2,4-DINITROPHENOL
 60A 534-52-1 4,6-DINITRO-2-METHYLPHENOL

UJ UJ
 UJ UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTS PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTS PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTS PRESENT. AS VALUES APPROACH THE IUL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGH

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB3802-1 SB3903-1 SB4000-1(4.5) SB4001-2 SB4003-2 SB4004-1(1) SB4008-1(-3)
2-3' 3-4' 0-2' 1-3' 3-5' 4-6' 8-11'
P/P NA P/P NA P/P NA P/P NA P/P NA P/P NA P/P NA
W OF BLDG 7 W OF BLDG 7 W OF BLDG 7
UG/KG UG/KG UG/KG
08/30/88 08/30/88 08/30/88 09/13/88 09/13/88 08/30/88

*** PESTICIDES ***

PP CAS NO COMPOUND

319-84-6 ALPHIA-BHC
92P 50-29-3 4,4'-DDT
93P 72-55-9 4,4'-DDE

NOTES : D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 () = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301867

WHITMOYER SOIL BUILDINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB3802-1 2-3' 16.4 LACONS MG/KG 08/30/88
 SB3903-1 3-4' 10.9 LACONS MG/KG 08/30/88
 SB4000-1(4.5) 0-2' 13.9 W OF BLDG 7 MG/KG 08/30/88
 SB4001-2 METALS NA W OF BLDG 7 09/13/88
 SB4003-2 METALS NA W OF BLDG 7 09/13/88
 SB4004-1(1) 4-6' 12.2 W OF BLDG 7 MG/KG 08/30/88
 SB4008-1(-3) 8-11' 19.8 W OF BLDG 7 MG/KG 08/30/88

*** INORGANICS ***

PP CAS NO COMPOUND

1		ALUMINUM	
2		ANTIMONY	
3		ARSENIC	
4		BARIUM	
5		BERYLLIUM	
6		CADMIUM	
7		CALCIUM	
8		CHROMIUM	
9		COBALT	
10		COPPER	
11		IRON	
12		LEAD	
13		MAGNESIUM	
14		MANGANESE	
15		MERCURY	
16		NICKEL	
17		POTASSIUM	
18		SELENIUM	
19		SILVER	
20		SODIUM	
21		TALLIUM	
23		VANADIUM	
24		ZINC	
		CYANIDE	

163L

1680L

4.5L

59L

676L

24900J

16900J

15000J

19900J

27700J

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- U = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
- H = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
- UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR 1/2 UL

MITCHELL SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB3802-1	NA	08/30/88	SB4000-1(4.5)	NA	08/30/88	SB4001-2	NA	09/13/88	SB4003-2	NA	09/13/88	SB4004-1(1)	NA	08/30/88	SB4008-1(-3)	NA	08/30/88
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*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

pH
POTENTIAL (MV)
CATION EXCHANGE CAPACITY (meq/100g)
SOLID, TOTAL

AR301869

WHITNOYER SOIL BORINGS

SAMPLE NUMBER:
X MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SBA4008-2 8-9' SBA100-1(6.5) SBA100-2 SBA104-1(2.5) SBA106-2 SBA108-1(-1.5) SBA200-1
VOA'S NA 0-2' VOA'S NA 0.5-2.5' VOA'S NA 4-6' VOA'S NA 6.5-8.5' 9-10'
W OF BLDG 7 VOA'S NA W OF BLDG 7 VOA'S NA W OF BLDG 7 VOA'S NA SURFACE
UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
09/13/89 09/30/89 09/13/89 08/30/89 09/13/89 09/30/89 09/01/89

*** VOLATILES ***

PP	CAS NO	COMPOUND
67-64-1		ACETONE
78-93-3		2-BUTANONE
591-78-6		2-HEXANONE
108-10-1		4-METHYL-2-PENTANONE
71-43-2		BENZENE
86V 108-88-3		TOLUENE
38V 100-41-4		ETHYLBENZENE
95-47-6		TOTAL XYLENES
100-42-5		STYRENE
7V 108-90-7		CHLOROBENZENE
16V 79-34-5		1,1,2,2-TETRACHLOROETHANE
11V 71-55-6		1,1,1-TRICHLOROETHANE
14V 79-00-5		1,1,2-TRICHLOROETHANE
10V 75-34-3		1,1-DICHLOROETHANE
10V 107-06-2		1,2-DICHLOROETHANE
16V 75-00-3		CHLOROETHANE
85V 127-18-4		TETRACHLOROETHENE
87V 79-01-6		TRICHLOROETHENE
30V 156-60-5		TOTAL-1,2-DICHLOROETHENE
28V 75-35-4		1,1-DICHLOROETHENE
88V 75-01-4		VINYL CHLORIDE
6V 55-23-5		CARBON TETRACHLORIDE
23V 67-68-3		CHLOROFORM
44V 75-09-2		METHYLENE CHLORIDE
45V 74-87-3		CHLOROETHANE
32V 78-87-5		1,2-DICHLOROPROPANE
33VT 10051-02-6		TRANS-1,3-DICHLOROPROPENE
33VC 10051-01-5		CIS-1,3-DICHLOROPROPENE
47V 75-25-2		BROMOFORM
46V 74-83-8		BROMOETHANE
48V 75-27-4		BROMODICHLOROETHANE
51V 124-48-1		DIBROMOCHLOROETHANE
75-15-0		CARBON DISULFIDE

120008
3700L
UJ
B
200J
UJ
1200B
280B
32B
UJ
2600B
9J
190B
UJ
UJ
UJ
1000B
UJ
UJ
UJ
UJ
UJ
UJ
19J
6600B
UJ
61J
UJ
UJ
UJ
UJ
770
UJ
UJ

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AR301870

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB4008-2 8-9' VOA'S NA W OF BLDG 7 UG/KG 09/13/88	SB4100-1(6.5) 0-2' VOA'S NA W OF BLDG 7 UG/KG 08/30/88	SB4100-2 0.5-2.5' VOA'S NA W OF BLDG 7 UG/KG 09/13/88	SB4104-1(2.5) 4-6' VOA'S NA W OF BLDG 7 UG/KG 08/30/88	SB4106-2 6.5-8.5' VOA'S NA W OF BLDG 7 UG/KG 09/13/88	SB4108-1(-1.5) 8-10' 24 NEAR BLDG 7 UG/KG 08/30/88	SB4200-1 SURFACE VOA'S NA 09/01/88
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108-05-4 VINYL ACETATE

UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301871

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:	SB4008-2	SB4100-1(6.5)	SB4100-2	SB4104-1(2.5)	SB4106-2	SB4108-1(-1.5)
X MOISTURE:	8-9°	0-2°	0.5-2.5°	4-6°	6.5-8.5°	8-10°
DEPTH:	25	BNA'S NA	10	BNA'S NA	20	23
DESCRIPTION:	W OF BLDG 7		W OF BLDG 7		W OF BLDG 7	NEAR BLDG 7
UNITS:	UG/KG		UG/KG		UG/KG	UG/KG
DATE SAMPLED:	09/13/88	08/30/88	09/13/88	08/30/88	09/13/88	08/30/88

*** BASE/NEUTRALS ***

PP	CAS NO	COMPOUND	2108	110J	120J	4500J	2100	1100J	750J	1100J
668	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE								
688	84-74-2	DI-N-BUTYL PHTHALATE								
708	84-66-2	DIBUTYL PHTHALATE								
678	85-68-7	BUTYL BENZYL PHTHALATE								
718	131-11-3	DIMETHYL PHTHALATE								
18	83-32-9	ACENAPHTHENE								
788	120-12-7	ANTHRACENE								
728	56-56-3	BENZO(A)ANTHRACENE								
748	209-99-2	BENZO(B)FLUORANTHRENE								
798	207-08-9	BENZO(K)FLUORANTHRENE								
738	191-24-2	BENZO(G,H,I)PERYLENE								
768	50-32-8	BENZO(A)PYRENE								
828	218-01-9	CHRYSENE								
768	53-70-3	DIBENZO(A,H)ANTHRACENE								
398	206-44-0	FLUORANTHRENE								
808	86-73-7	FLUORENE								
838	193-39-5	INDENOL(1,2,3-CD)PYRENE								
558	91-20-3	NAPHTHALENE								
918	91-57-6	2-METHYLNAPHTHALENE								
818	85-01-8	PHENANTHRENE								
848	128-00-0	PYRENE								
278	106-46-7	1,4-DICHLOROBENZENE								
88	120-82-1	1,2,4-TRICHLOROBENZENE								
98	118-74-1	HEXACHLOROBENZENE								
368	606-20-2	2,6-DINITROTOLUENE								
358	121-14-2	2,4-DINITROTOLUENE								
638	621-64-7	M-NITROSODIPROPYLAMINE								
628	86-30-6	M-NITROSODIPHENYLAMINE								
	62-53-3	ANILINE								
	88-74-4	2-NITROANILINE								
	98-09-2	3-NITROANILINE								
	100-01-6	4-NITROANILINE								
	106-47-8	4-CHLOROANILINE								

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 I1 = ANALYTE PRESENT. AS VALUES APPROACH THE IUL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR 1/2 SS / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301872

WHITMOYER SOIL BORINGS

SAMPLE NUMBER: SB4008-2 SB4100-1(6.5) SB4100-2 SB4104-1(2.5) SB4106-2 SB4108-1(-1.5) SB4200-1
 X MOISTURE: 0-2' BNA'S NA 0.5-2.5' 4-6' BNA'S NA 6.5-8.5' 8-10' SURFACE
 DEPTH: 25 W OF BLDG 7 10 W OF BLDG 7 20 W OF BLDG 7 23 NEAR BLDG 7
 DESCRIPTION: W OF BLDG 7 W OF BLDG 7 W OF BLDG 7 W OF BLDG 7
 UNITS: UG/KG UG/KG UG/KG UG/KG UG/KG
 DATE SAMPLED: 09/13/88 08/30/88 09/13/88 08/30/88 09/13/88 08/30/88 09/01/88

16B 111-44-4 B18(2-CHLOROETHYL)ETHER
 42B 39638-32-9 B18(2-CHLOROISOPROPYL)ETHER
 41B 101-55-3 4-BROMOPHENYL PROPYL ETHER
 00B 7005-72-3 4-CHLOROPHENYL PROPYL ETHER
 53B 77-47-4 HEXACHLOROCHLOROTETRAIDENE
 28B 91-94-1 3,3'-DICHLOROBENZIDINE
 65-85-0 BENZOIC ACID
 100-51-6 BENZYL ALCOHOL
 132-64-9 DIBENZOFURAN
 12B 67-72-1 HEXACHLOROETHANE

UJ UJ UJ UJ UJ UJ
 UJ UJ UJ UJ UJ UJ
 UJ UJ UJ UJ UJ UJ

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
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AR301873

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
 Z MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB4008-2 SB4100-1(6.5) SB4106-2 SB4108-1(-1.5) SB4200-1
 8-9' 0-2' 6.5-8.5' 8-10' SURFACE
 25 BNA'S NA 20 23 BNA'S NA
 W OF BLDG 7 W OF BLDG 7 W OF BLDG 7 NEAR BLDG 7
 UG/MG UG/MG UG/MG UG/MG
 09/13/88 09/30/88 09/13/88 09/30/88 09/01/88

*** ACIDS ***

PP	CAS NO	COMPOUND
65A	108-95-2	PHENOL
	106-44-5	4-METHYLPHENOL
	95-95-4	2,4,6-TRICHLOROPHENOL
64A	87-86-5	PENTACHLOROPHENOL
58A	100-02-7	4-NITROPHENOL
59A	51-28-6	2,4-DINITROPHENOL
60A	534-62-1	4,6-DINITRO-2-METHYLPHENOL

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 IJ = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN 'AMPLE
 UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACCURATE OR 'AMPLE / UL = NOT DETECTED. QUANTITATION LIMIT IS PROBABLY HIGH

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB4008-2 8-9' P/P NA W OF BLDG 7 UG/KG 09/13/88	SB4100-1(6.5) 0-2' P/P NA W OF BLDG 7 UG/KG 08/30/88	SB4100-2 0.5-2.5' P/P NA W OF BLDG 7 UG/KG 09/13/88	SB4104-1(2.5) 4-6' P/P NA W OF BLDG 7 UG/KG 08/30/88	SB4106-2 6.5-8.5' P/P NA W OF BLDG 7 UG/KG 09/13/88	SB4108-1(-1.5) 8-10' P/P NA NEAR BLDG 7 UG/KG 08/30/88	SB4200-1 SURFACE P/P NA 09/01/88
--	---	--	---	--	---	---

*** PESTICIDES ***

PP CAS NO COMPOUND

319-84-6 ALPHA-DHC
92P 50-29-3 4,4'-DDE
93P 72-55-9 4,4'-DDE

NOTES : D = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
I) = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
B = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED. QUANTITATION LIMIT MAY BE INACURATE ON INTERPRESE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301875

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
 % MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB4100H-2 METALS MA 09/13/88
 SB4100-1(6.5) SB4100-2 METALS MA 09/13/88
 0-2' 10.1 W OF BLDG 7 MG/KG 08/30/88
 SB4104-1(2.5) SB4106-2 METALS MA 09/13/88
 4-6' 10.9 W OF BLDG 7 MG/KG 08/30/88
 SB4108-1(-1.5) SB4200-1 SURFACE 09/01/88
 0-10' 22.4 NEAR BLDG 7 LAGOONS MG/KG 08/30/88

*** INORGANICS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
5		BERYLLIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
15		MERCURY
16		NICKEL
17		POTASSIUM
18		SELENIUM
19		SILVER
20		SODIUM
21		THALLIUM
22		VANADIUM
23		ZINC
24		CYANIDE

19500
 R
 3150K
 80.6
 1.4
 4.1
 3130
 26.6
 18.4
 31.2B
 36900
 25.4
 4440
 600
 ND
 36.6
 1900
 UL
 ND
 ND
 ND
 32.1
 72.8
 NA

172L

19900J

13200J

23500J

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 LL = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR 1- / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301876

WILTMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB4008-2 SB4100-1(6.5) SB4100-2 SB4104-1(2.5) SB4106-2 SB4108-1(-1.5) SB4200-1
NA NA NA NA NA NA NA
09/13/88 08/30/88 09/13/88 08/30/88 09/13/88 08/30/88 09/01/88

*** GEOCHEMICAL PARAMETERS ***

PP CAS NO COMPOUND

pH
POTENTIAL (MV)
CATION EXCHANGE CAPACITY (meq/100g)
SOLID, TOTAL

AR301877

WITMOYER SOIL BORINGS

SAMPLE NUMBER:
 X MOISTURE:
 DEPTH:
 DESCRIPTION:
 UNITS:
 DATE SAMPLED:

SB4300-1(5.5) SB4304-1(1.6) SB4306-1(0.5) SB4400-1(6.5) SB4404-1(2.5) SB4406-1(0.5) SB4500-1
 0-2.0 4-6.0 6-8.0 6-8.0 4-6.0 6-8.0 0-2.0
 VOA'S MA VOA'S MA VOA'S MA SURFACE VOA'S MA VOA'S MA
 NEAR BLDG 11
 UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
 09/01/88 09/01/88 09/01/88 09/01/88 09/01/88 09/01/88

*** VOLATILES ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	REMARKS
67-64-1		ACETONE	R
78-93-3		2-BUTANONE	R
591-78-6		2-HEXANONE	R
108-10-1		4-METHYL-2-PENTANONE	R
71-43-2		BENZENE	R
108-88-3		TOLUENE	R
100-41-4		ETHYLBENZENE	R
95-47-6		TOTAL XYLENES	14008
100-42-5		STYRENE	4100L
108-90-7		CHLOROBENZENE	R
15V 79-34-5		1,1,2,2-TETRACHLOROETHANE	R
11V 71-55-6		1,1,1-TRICHLOROETHANE	R
14V 79-00-5		1,1,2-TRICHLOROETHANE	R
10V 75-34-3		1,1-DICHLOROETHANE	R
10V 107-06-2		1,2-DICHLOROETHANE	R
16V 75-00-3		CHLOROETHANE	R
85V 127-18-4		TETRACHLOROETHENE	R
87V 79-01-6		TRICHLOROETHENE	R
30V 166-60-5		TOTAL-1,2-DICHLOROETHENE	R
29V 75-35-4		1,1-DICHLOROETHENE	R
88V 75-01-4		VINYL CHLORIDE	R
6V 55-23-5		CARBON TETRACHLORIDE	R
23V 67-66-3		CHLOROFORM	R
44V 75-09-2		METHYLENE CHLORIDE	R
45V 74-87-3		CHLOROMETHANE	R
32V 78-87-5		1,2-DICHLOROPROPANE	R
33VT 10061-02-6		TRANS-1,3-DICHLOROPROPENE	R
33VC 10061-01-5		CIS-1,3-DICHLOROPROPENE	R
47V 75-25-2		BROMOFORM	3100B
46V 74-83-9		BROMOMETHANE	R
48V 75-27-4		BROMODICHLOROMETHANE	R
51V 124-48-1		DIBROMOCHLOROMETHANE	R
75-15-0		CARBON DISULFIDE	R

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 M = ANALYTE PRESENT. AS VALUES APPROACH THE IOL THE QUANTITATION MAY NOT BE ACCURATE
 N = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN /
 O = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR I / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301878

WHITMOYER SOIL INURINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB4300-1(5.5)	SB4304-1(1.5)	SB4306-1(-0.5)	SB4400-1(6.5)	SB4404-1(2.5)	SB4406-1(0.5)	SB4500-1
0-2'	4-6'	6-8'	SURFACE	4-6'	6-8'	0-2'
VOA'S NA	VOA'S NA	0	VOA'S NA	VOA'S NA	VOA'S NA	VOA'S NA
NEAR BLDG 11	NEAR BLDG 11	NEAR BLDG 11	NEAR BLDG 11	NEAR BLDG 11	NEAR BLDG 11	NEAR BLDG 11
UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG
09/01/88	09/01/88	09/01/88	09/01/88	09/01/88	09/01/88	09/01/88

108-05-4 VINYL ACETATE

R

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
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 () = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301879

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB4300-1(5.5) SB4304-1(1.5) SB4306-1(-0.5) SB4400-1(6.5) SB4404-1(2.5) SB4406-1(0.5) SB4500-1
0-2' 4-6' 6-8' 6-8' 4-6' 6-8' 0-2'
17 22 26 18 19 20 11
NEAR BLDG 11 NEAR BLDG 11 NEAR BLDG 11 NEAR BLDG 11 NEAR BLDG 11 NEAR BLDG 11 NEAR BLDG 11
UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
09/01/88 09/01/88 09/01/88 09/01/88 09/01/88 09/01/88 09/01/88

*** BASE/NEUTRALS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND	480B	170B	2000B	99J	270J
66B	117-81-7	BIS(2-ETHYLHEXYL)PHTHALATE					120B
68B	84-74-2	DI-N-BUTYL PHTHALATE				43B	
70B	84-66-2	DIETHYL PHTHALATE	UJ	UJ	UJ	23B	
67B	85-68-7	BUTYL BENZYL PHTHALATE	UJ	UJ	UJ	UJ	
71B	131-11-3	DIMETHYL PHTHALATE			79J		
18	83-32-9	ACENAPHTHENE			120J		
78B	120-12-7	ANTHRACENE			190J		
72B	56-55-3	BENZO(A)ANTHRACENE			780		140J
74B	205-99-2	BENZO(B)FLUORANTHENE			840		210J
	207-08-9	BENZO(K)FLUORANTHENE			620		130J
78B	191-24-2	BENZO(G,H,I)PERYLENE	UJ		670		140J
73B	50-32-6	BENZO(A)PYRENE			860		160J
76B	218-01-9	CHRYSENE	UJ		890		170J
82B	53-70-3	DIBENZO(A,H)ANTHRACENE	UJ		1700		240J
39B	205-44-0	FLUORANTHENE					
60B	86-73-7	FLUORENE			730		
83B	193-39-5	INDENO(1,2,3-CD)PYRENE	UJ		32J		
55B	91-20-3	NAPHTHALENE	500J		42J		
	91-57-6	2-METHYLNAPHTHALENE			960		99J
81B	85-01-8	PHENANTHRENE	UJ		1000J		270J
84B	129-00-0	PYRENE					
27B	105-46-7	1,4-DICHLOROBENZENE					
8B	120-82-1	1,2,4-TRICHLOROBENZENE					
9B	118-74-1	HEXACHLOROBENZENE					
36B	606-20-2	2,6-DINITROTOLUENE	UJ		UJ		UJ
35B	121-14-2	2,4-DINITROTOLUENE	UJ		UJ		UJ
63B	621-64-7	N-NITROSODIPROPYLAMINE					
62B	86-30-6	N-NITROSODIPHENYLAMINE	230J		100J		
	62-53-3	ANILINE					
	88-74-4	2-NITROANILINE	UJ		UJ		UJ
	99-09-2	3-NITROANILINE	UJ		UJ		UJ
	100-01-6	4-NITROANILINE	UJ		UJ		UJ
	105-47-8	4-CHLOROANILINE	UJ		UJ		UJ

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 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR SE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

AR301880

WHITNOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB4300-1(5.5) SB4301-1(1.5) SB4306-1(-0.5) SB4400-1(6.5) SB4404-1(2.5) SB4406-1(0.5) SB4500-1
0-2' 4-6' 6-8' 6-8' 4-6' 6-8' 0-2'
17 22 26 18 19 20 11
NEAR BLDG 11 NEAR BLDG 11 NEAR BLDG 11 NEAR BLDG 11 NEAR BLDG 11 NEAR BLDG 11 NEAR BLDG 11
UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
09/01/88 09/01/88 09/01/88 09/01/88 09/01/88 09/01/88 09/01/88

18B 111-44-4 BIS(2-CHLOROETHYL)ETHER
42B 39638-32-9 BIS(2-CHLOROISOPROPYL)ETHER
41B 101-55-3 4-BROMOPHENYL PHENYL ETHER
00B 7005-72-3 4-CHLOROPHENYL PHENYL ETHER
53B 77-47-4 HEXACHLOROCHLOROPENTADIENE
28B 91-94-1 3,3'-DICHLOROBENZIDINE
65-85-0 BENZOIC ACID
100-51-6 BENZYL ALCOHOL
132-64-9 DIBENZOPIRAN
12B 67-72-1 HEXACHLOROTHANE

UJ UJ UJ UJ UJ UJ UJ

NOTES:
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R = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
I = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR IMPRECISE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301881

WHITMOYER SOIL BURNINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SR4300-1(5.5) 4-6' 22 NEAR BLDG 11 UC/KG 09/01/88
 SR4304-1(1.5) 4-6' 22 NEAR BLDG 11 UC/KG 09/01/88
 SR4306-1(0.5) 6-8' 26 NEAR BLDG 11 UC/KG 09/01/88
 SR4400-1(6.5) SURFACE 18 NEAR BLDG 11 UC/KG 09/01/88
 SR4404-1(2.5) 4-6' 19 NEAR BLDG 11 UC/KG 09/01/88
 SR4406-1(0.5) 6-8' 20 NEAR BLDG 11 UC/KG 09/01/88
 SR4500-1 0-2' 11 NEAR BLDG 11 UC/KG 09/01/88

*** ACIDS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND
66A	108-96-2	PHENOL
	106-44-6	4-METHYLPHENOL
	95-95-4	2,4,5-TRICHLOROPHENOL
64A	87-86-5	PENTACHLOROPHENOL
58A	100-02-7	4-NITROPHENOL
59A	51-28-5	2,4-DINITROPHENOL
60A	534-52-1	4,6-DINITRO-2-METHYLPHENOL

PP	CAS NO	COMPOUND
	550J	
	410J	
	170J	

NOTES :
 0 = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 11 = ANALYTE PRESENT. AS VALUES APPROACH THE UL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR BIASED / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGH

WHITMOYER SOIL BORINGS

SAMPLE NUMBER:
% MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB1300-1(5.5) SB1304-1(1.5) SB1306-1(-0.5) SB1400-1(6.5) SB1404-1(2.5) SB1406-1(0.5) SB1500-1
 0-2' 4-6' 6-8' 6-8' 4-6' 6-8' 0-2'
 P/P NA P/P NA P/P NA SURFACE P/P NA P/P NA P/P NA
 NEAR BLDG 11
 UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG
 09/01/88 09/01/88 09/01/88 09/01/88 09/01/88 09/01/88 09/01/88

*** PESTICIDES ***

PP CAS NO COMPOUND
 319-84-6 ALPHA-BHC
 92P 50-29-3 4,4'-DDE
 93P 72-55-9 4,4'-DDE

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 I) = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 R = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT IN THE SAMPLE
 UJ = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE OR INEXACT / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY HIGHER

AR301883

WHITNEY SOIL BORINGS

(SAMPLE NUMBER:
X MOISTURE:
DEPTH:
DESCRIPTION:
UNITS:
DATE SAMPLED:

SB4300-1(5.5) SB4304-1(1.5) SB4306-1(-0.5) SB4400-1(6.5) SB4404-1(2.5) SB4406-1(0.5) SB4500-1
 0-2' 4-6' 6-8' SURFACE 4-6' 6-8' 0-2'
 18.5 21.9 22.7 17.3 20.7 20.2 8.8
 NEAR BLDG II
 MG/KG MG/KG MG/KG MG/KG MG/KG MG/KG MG/KG
 09/01/88 09/01/88 09/01/88 09/01/88 09/01/88 09/01/88 09/01/88

*** INORGANICS ***

PP CAS NO COMPOUND

PP	CAS NO	COMPOUND
1		ALUMINUM
2		ANTIMONY
3		ARSENIC
4		BARIUM
5		BERYLLIUM
6		CADMIUM
7		CALCIUM
8		CHROMIUM
9		COBALT
10		COPPER
11		IRON
12		LEAD
13		MAGNESIUM
14		MANGANESE
15		MERCURY
16		NICKEL
17		POTASSIUM
18		SELENIUM
19		SILVER
20		SODIUM
21		THALLIUM
23		VANADIUM
24		ZINC
		CYANIDE

69K	5450K	17300			
		B			
		6710K	2330K	3840K	5710K
		65.6			19K
		1.5			
		3.9			
		38800			
		21.4			
		15.1			
		31.89			
		32200	25700J	40800J	43400J
		17.7			25100J
		21600			
		1080			
		0.17			
		38.8			
		2320			
		UL			
		ND			
		ND			
		11.31			
		27.7			
		66.7			
		NA			

NOTES : B = NOT DETECTED SUBSTANTIALLY ABOVE THE LEVEL REPORTED IN LABORATORY OR FIELD BLANKS
 J = ANALYTE PRESENT. REPORTED VALUE MAY NOT BE ACCURATE OR PRECISE
 K = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED HIGH / L = ANALYTE PRESENT. REPORTED VALUE MAY BE BIASED LOW
 () = ANALYTE PRESENT. AS VALUES APPROACH THE IDL THE QUANTITATION MAY NOT BE ACCURATE
 UJ = UNRELIABLE RESULT. ANALYTE MAY OR MAY NOT BE PRESENT
 UL = NOT DETECTED, QUANTITATION LIMIT MAY BE INACCURATE / UL = NOT DETECTED, QUANTITATION LIMIT IS PROBABLY

AR301884